

# Service Manual

**DVCPRO**

DVCPRO Nonlinear Editing System

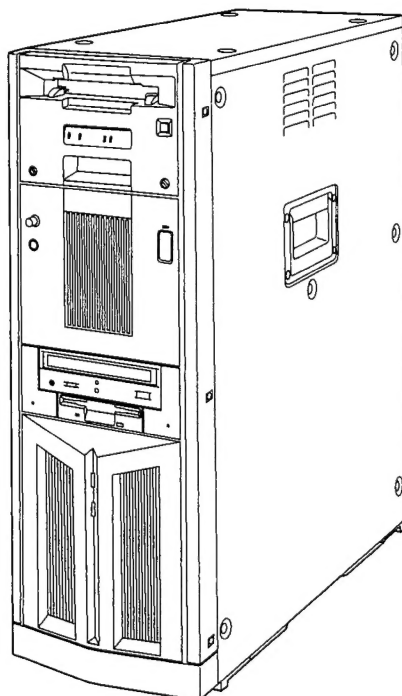
**AJ-DE77E**

**Vol. 2**

**Sec. 7** *Schematic Diagrams*

**Sec. 8** *Circuit Board Diagrams*

**Sec. 9** *Exploded Views & Replacement Part List*



**Panasonic**

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### **WARNING**

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

## **Specifications**

### **[GENERAL]**

**Power supply:** 220 V – 230 V ( $\pm 10\%$ ) AC, 50 – 60 Hz  
**Rated current:** 2.1 A – 2.0 A

**Ambient operating temperature:**

5°C to 35°C

**Ambient operating humidity:**

10 to 80% (no condensation)

**Dimensions (W)  $\times$  (H)  $\times$  (D):**

230  $\times$  637  $\times$  550 mm

**Weight:**

41.5 kg (main unit only)

### **[PC]**

**CPU:**

Pentium Pro, 200 MHz

**Operating system:**

Windows NT 4.0

**Memory:**

64 MB

**System hard disk drive:**

1.6 GB (EIDE)

**AV hard disk drive:**

Video: 4 GB  $\times$  4, Audio: 4 GB  $\times$  2

(Recording for a nominal duration of 70 minutes is possible.)

**CD-ROM:**

24 time normal speed, ATAPI specifications supported

**Floppy disk drive:**

3.5"

### **[VTR]**

**Recording format:**

DVCPRO format

**Tape speed:**

135.4156 mm/sec.

**Recording/playback time:**

126 minutes (using AJ-P126LP tape)

### **[VIDEO]**

**Sampling frequency:**

Y: 13.5 MHz

PB/PR: 3.375 MHz (4:1:1)

**Quantizing:**

8 bits/sample

**Compression:**

DVCPRO compression

### **[AUDIO]**

**Sampling frequency:**

48 kHz

**Quantizing:**

16 bits/sample

**Number of channels:**

2 channels (internal: 6 channels)

### **[INPUT/OUTPUT CONNECTORS]**

#### **■ Video input connectors**

**Analog composite:**

BNC  $\times$  2 (loop-through configuration)

**Analog component (Y, PB, PR):**

BNC  $\times$  3

**Analog reference video:**

BNC  $\times$  2 (loop-through configuration)

#### **■ Video output connectors**

**Analog composite:**

BNC  $\times$  2

**Analog component (Y, PB, PR):**

BNC  $\times$  3

**Analog composite monitor:**

BNC  $\times$  1 (with superimposed data)

#### **■ Audio input connectors**

**Analog (CH1/CH2):**

XLR  $\times$  2 (high impedance), 0 dBu

#### **■ Audio output connectors**

**Analog (CH1/CH2):**

XLR  $\times$  2 (low impedance), +4/0/-20 dBu

**Digital (CH1/CH2):**

XLR  $\times$  1, AES/EBU format

**Monitor (L/R):**

XLR  $\times$  2 (low impedance), +4/0/-20 dBu

**Headphones:**

M6 (variable level), 8 ohms

#### **■ Other connectors**

**Time code output:**

XLR  $\times$  1

**External VTR control:**

RS-422A (D-SUB, 9P)  $\times$  2

**Error report/Editing pad connection:**

RS-232C (D-SUB, 25P)  $\times$  2

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# SAFETY PRECAUTIONS

## GENERAL GUIDELINES

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.

## LEAKAGE CURRENT COLD CHECK

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohm meter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between  $1M\Omega$  and  $5.2M\Omega$ .  
When the exposed metal does not have a return path to the chassis, the reading must be  $\infty$ .

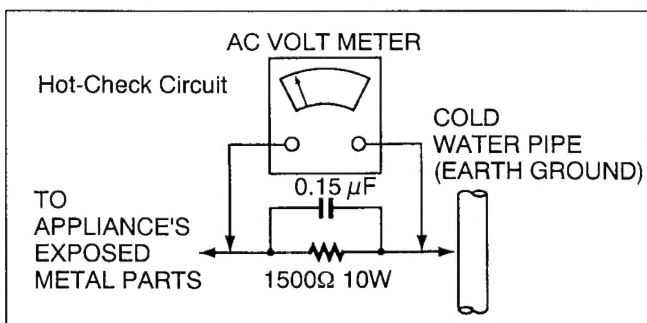


Figure 1

## LEAKAGE CURRENT HOT CHECK (See Figure 1)

1. Plug the AC cord directly into the AC outlet.  
Do not use an isolation transformer for this check.
2. Connect a  $1.5K\Omega$ , 10W resistor, in parallel with  $0.15\mu F$  capacitor, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

## ELECTROSTATICALLY SENSITIVE (ES) DEVICES

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground.  
Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device classified as "anti-static" can generate electrical charges sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.  
**CAUTION:** Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device).

## X-RADIATION

### WARNING

1. The potential source of X-Radiation in EVF sets is the High Voltage section and the picture tube.
2. When using a picture tube test jig for service, ensure that jig is capable of handling 10kV without causing X-Radiation.  
**NOTE:** It is important to use an accurate periodically calibrated high voltage meter.
3. Measure the High Voltage. The meter (electric type) reading should indicate 2.5kV,  $\pm 0.15kV$ . If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure. To prevent an X-Radiation possibility, it is essential to use the specified picture tube.

# Caution for AC Mains Lead

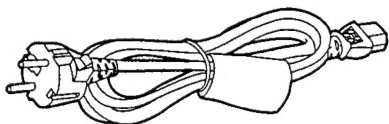
## FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY.

This product is equipped with 2 types of AC mains cable. One is for continental Europe, etc. and the other one is only for U.K.

Appropriate mains cable must be used in each local area, since the other type of mains cable is not suitable.

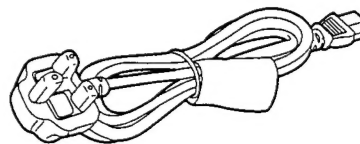
### FOR CONTINENTAL EUROPE, ETC.

Not to be used in the U.K.



### FOR U.K. ONLY

If the plug supplied is not suitable for your socket outlet, it should be cut off and appropriate one fitted.





### FOR U.K. ONLY

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.

A 13 amp fuse is fitted in this plug.

Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 13 amps and that it is approved by ASTA or BSI to BS1362.

Check for the ASTA mark  or the BSI mark  on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.

If you lose the fuse cover the plug must not be used until a replacement cover is obtained.

A replacement fuse cover can be purchased from your local Panasonic Dealer.

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY. THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13 AMP SOCKET.

If a new plug is to be fitted please observe the wiring code as shown below.


If in any doubt please consult a qualified electrician.

**WARNING:** THIS APPLIANCE MUST BE EARTHED.

**IMPORTANT:** The wires in this mains lead are coloured in accordance with the following code:

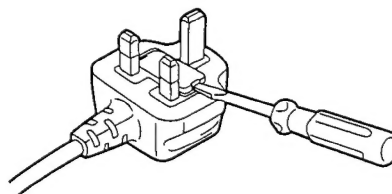
Green-and-Yellow:	Earth
Blue:	Neutral
Brown:	Live

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

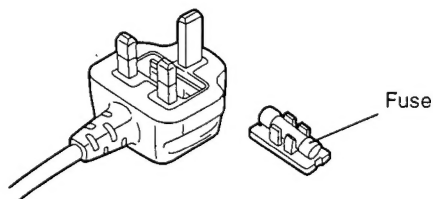
- The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked with the letter E or by the Earth symbol  or coloured GREEN or GREEN-AND-YELLOW.
- The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK.
- The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

### How to replace the fuse

1. Open the fuse compartment with a screwdriver.

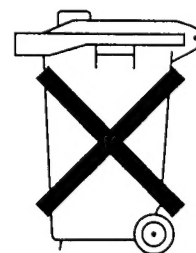


2. Replace the fuse.



## Attention/Attentie

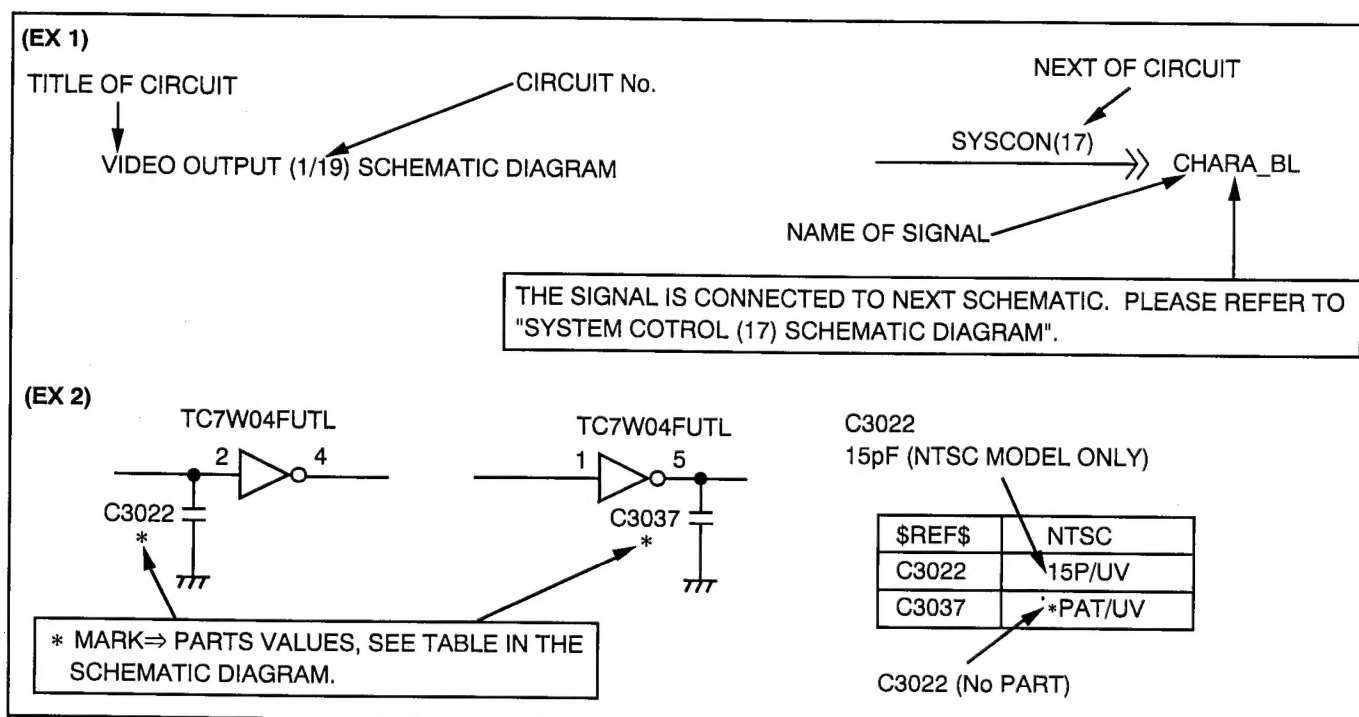
- This apparatus contains a lithium battery for memory back-up.
- For the removal of the battery at the moment of the disposal at the end of the service life please consult your dealer.
- Do not throw away the battery. Instead, hand it in as hazardous waste.
- Dit apparaat bevat een lithiumbatterij voor memory back-up.
- Raadpleeg uw leverancier over de verwijdering van de batterij op het moment dat u het apparaat bij einde levensduur afdankt.
- Gooi de batterij niet weg, maar lever hem in als KCA.



# SECTION 7

## SCHEMATIC DIAGRAMS

### NOTE



### IMPORTANT SAFETY NOTICE

COMPONENTS IDENTIFIED WITH THE MARK  $\triangle$  HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.

WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

DO NOT USE THE PART NUMBER SHOWN ON THIS DRAWING FOR ORDERING. THE CORRECT PART NUMBER IS SHOWN IN THE PARTS LIST.

AND MAY BE SLIGHTLY DIFFERENT OR AMENDED SINCE THIS DRAWING WAS PREPARED.

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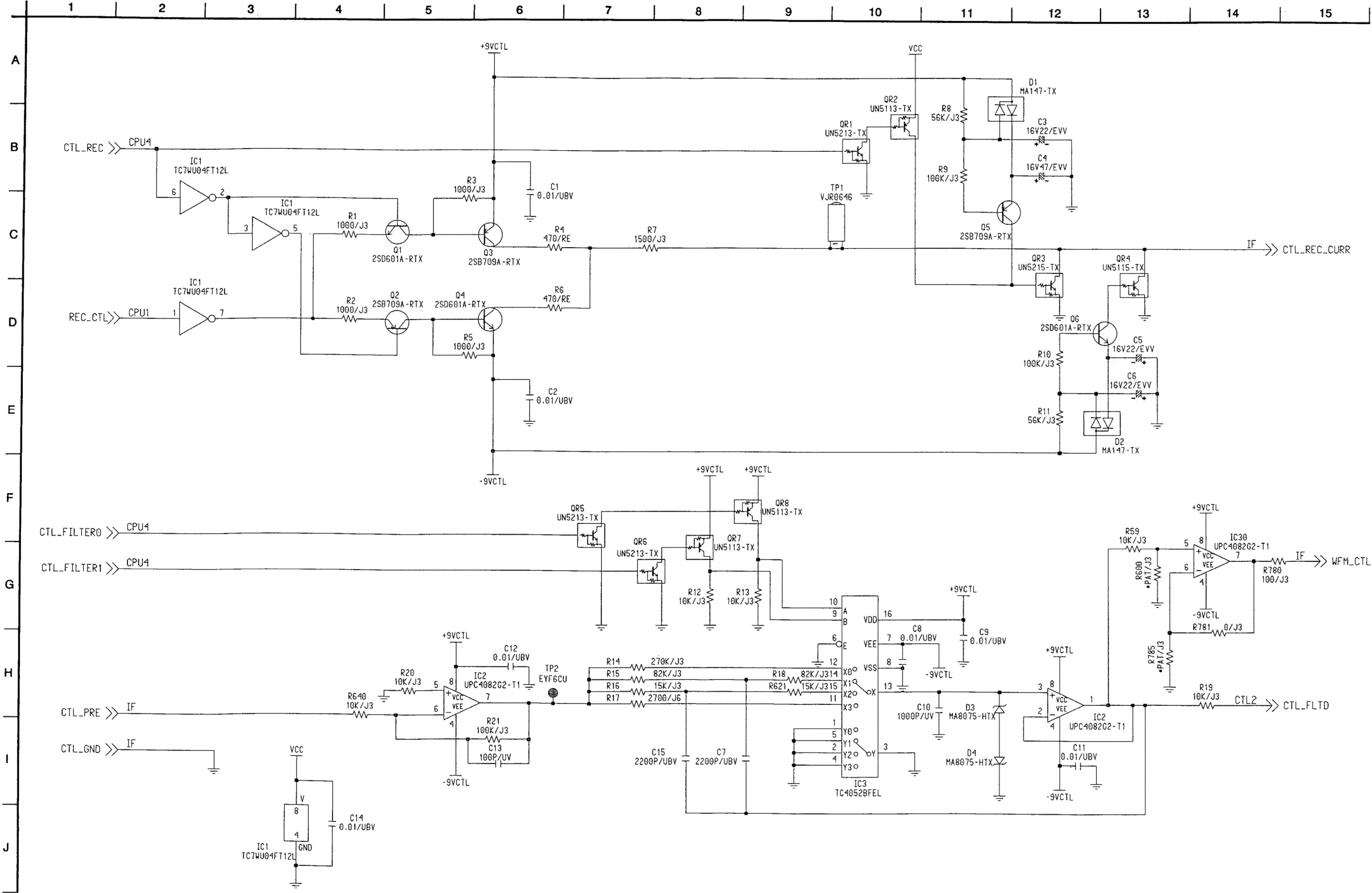
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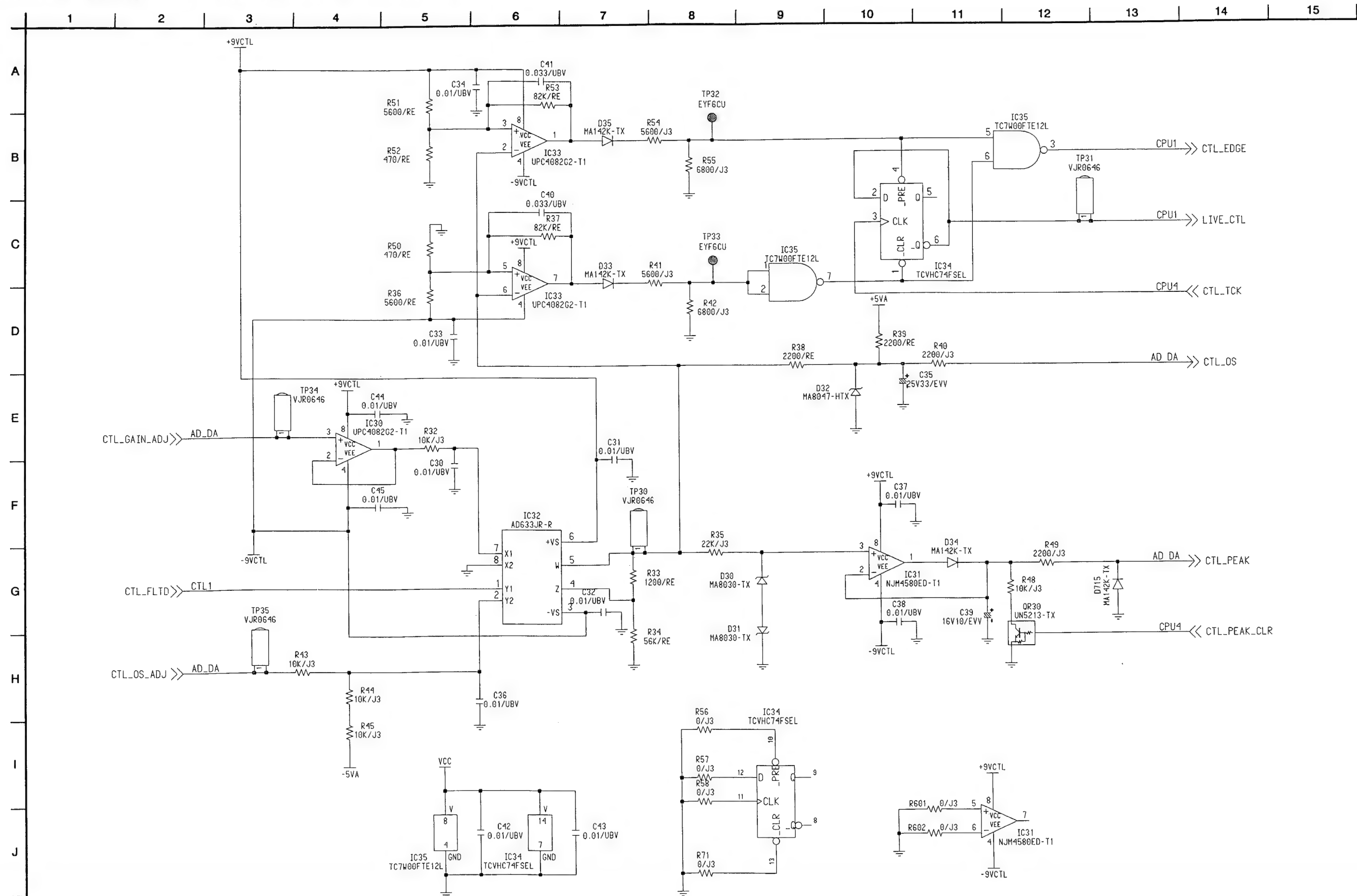
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SERVO (1/20) CTL 1 SCHEMATIC DIAGRAM

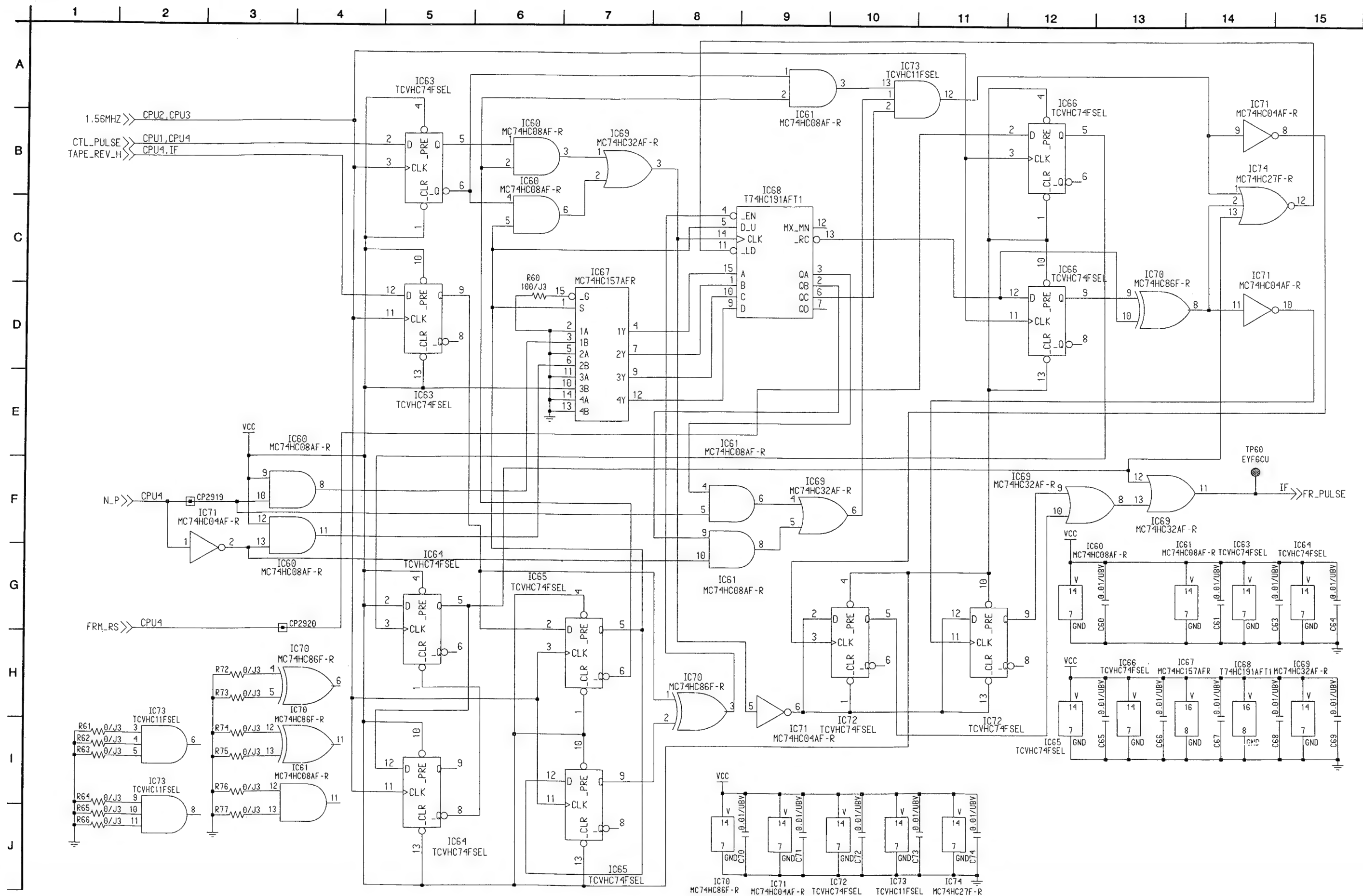




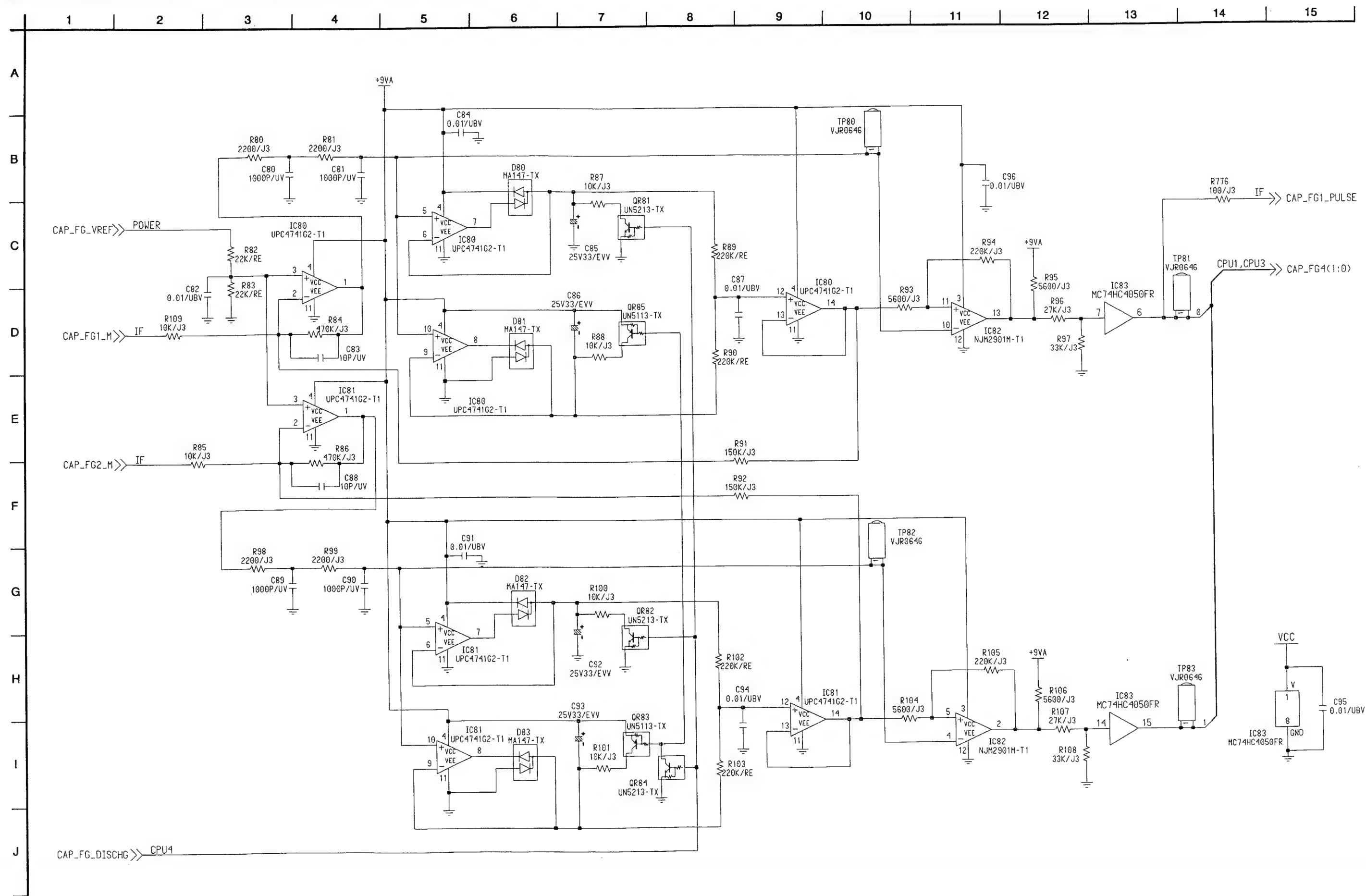
# SERVO (2/20) CTL 2 SCHEMATIC DIAGRAM



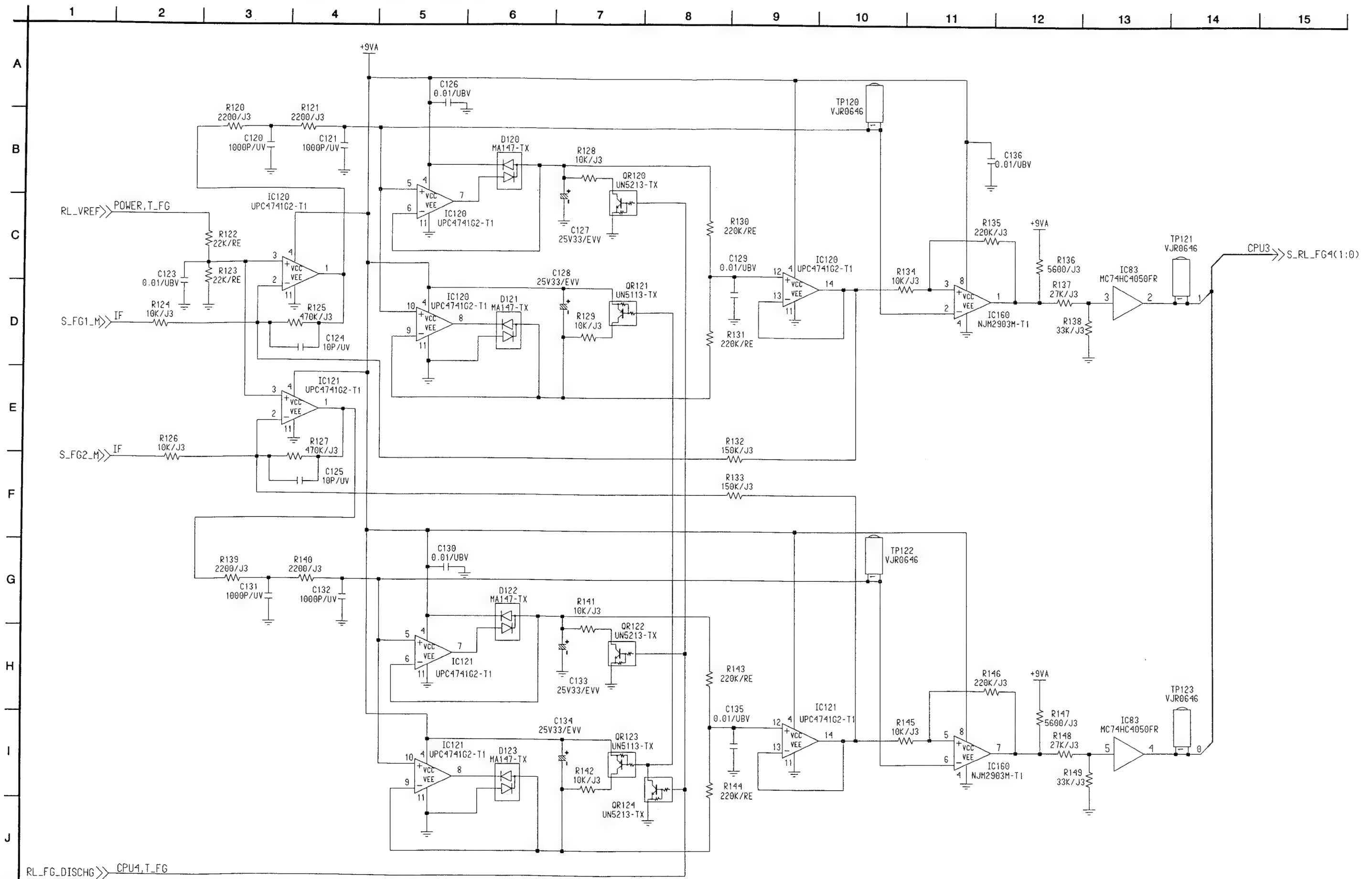
## SERVO (3/20) CTL 3 SCHEMATIC DIAGRAM



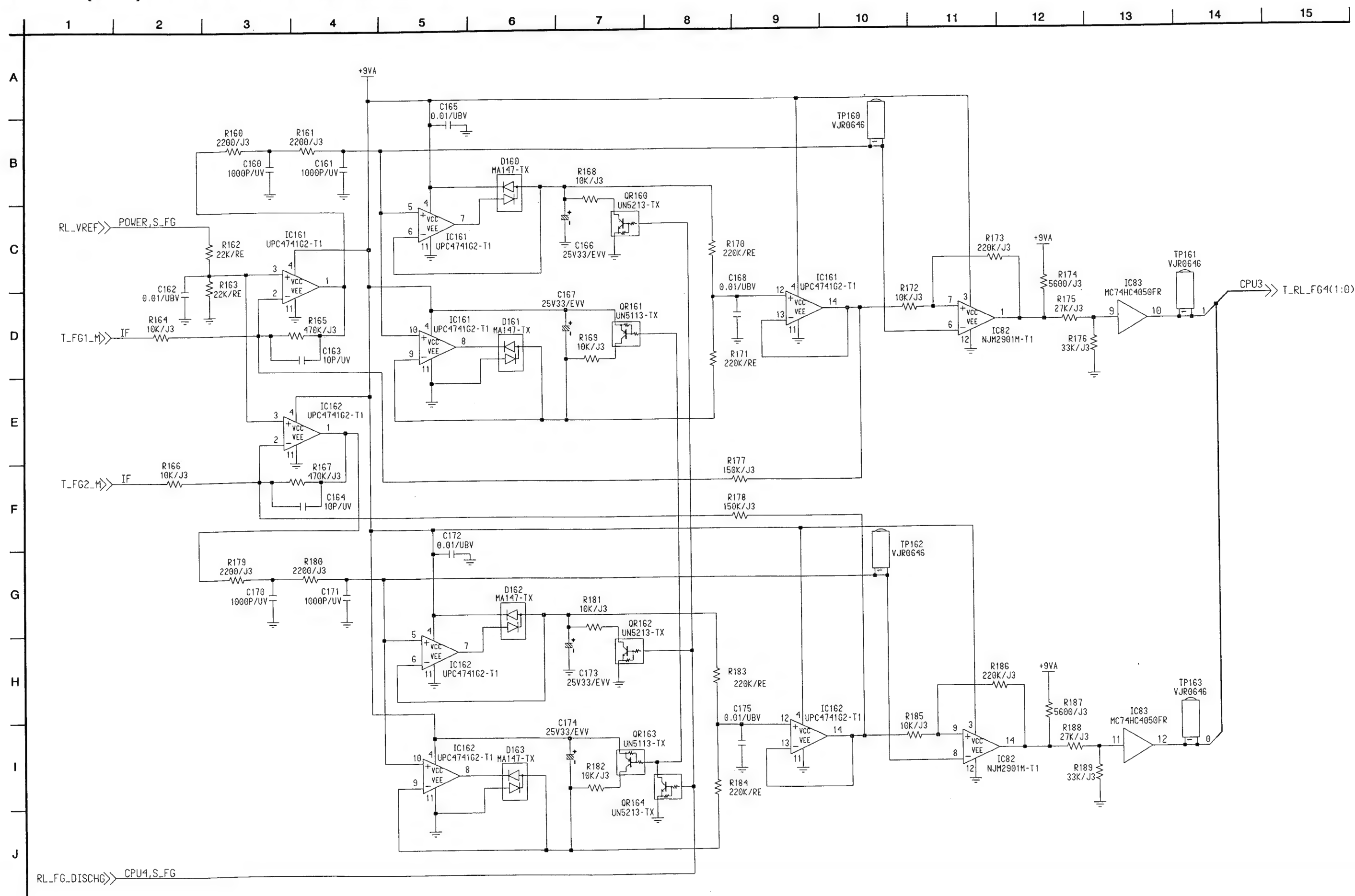
SERVO (4/20) CAP FG SCHEMATIC DIAGRAM



# SERVO (5/20) S FG SCHEMATIC DIAGRAM

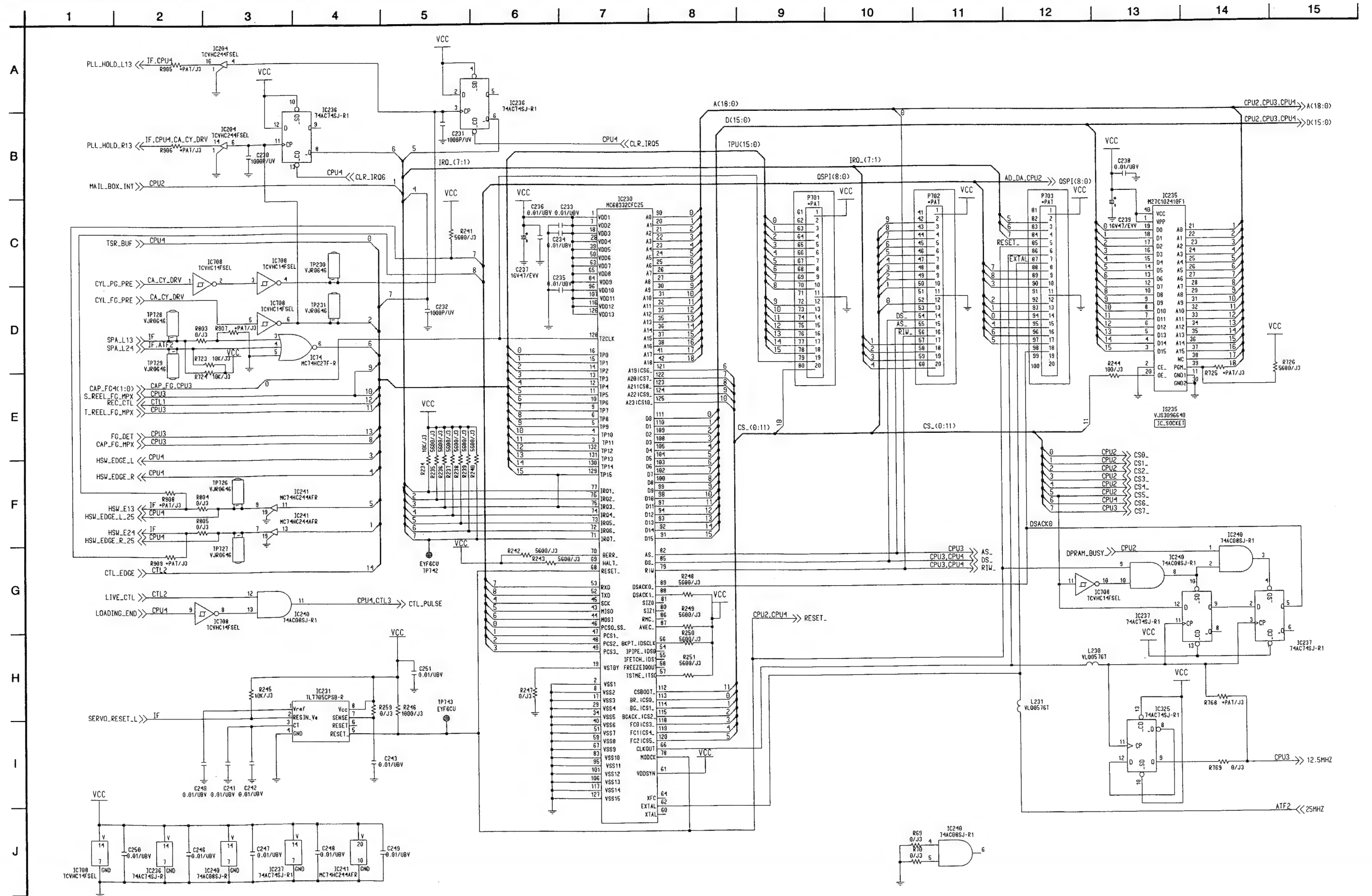


# SERVO (6/20) T FG SCHEMATIC DIAGRAM





# SERVO (8/20) CPU 1 SCHEMATIC DIAGRAM





The schematic diagram illustrates the CPU interface for the MC74HC164F-R, showing connections for CPU1, CPU3, and CPU4. The diagram is organized into a grid with columns 1 to 15 and rows A to J.

**Key Components and Connections:**

- IC260 (Y7C18525SCT1):** Connected to CPU1, CPU3, and CPU4. Inputs include A[18:0] (CPU1, CPU3, CPU4), D[15:0] (CPU1, CPU3, CPU4), CS1 (CPU1), CS2 (CPU1), CS3 (CPU1), CS4 (CPU1), and RESET (CPU1, CPU4). Outputs include MAIL\_BOX\_INT, DPRAM\_BUSY, SYS\_SERVO\_INT\_L, and IF (SYS\_AB[10:0]).
- IC261 (Y7C18525SCT1):** Connected to CPU1, CPU3, and CPU4. Inputs include A[18:0] (CPU1, CPU3, CPU4), D[15:0] (CPU1, CPU3, CPU4), CS1 (CPU1), CS2 (CPU1), CS3 (CPU1), CS4 (CPU1), and RESET (CPU1, CPU4). Outputs include MAIL\_BOX\_INT, DPRAM\_BUSY, SYS\_SERVO\_INT\_L, and IF (SYS\_AB[10:0]).
- IC262 (SN74S1051NSR):** Connected to CPU1, CPU3, and CPU4. Inputs include A[18:0] (CPU1, CPU3, CPU4), D[15:0] (CPU1, CPU3, CPU4), CS1 (CPU1), CS2 (CPU1), CS3 (CPU1), CS4 (CPU1), and RESET (CPU1, CPU4). Outputs include MAIL\_BOX\_INT, DPRAM\_BUSY, SYS\_SERVO\_INT\_L, and IF (SYS\_AB[10:0]).
- IC263 (SN74S1051NSR):** Connected to CPU1, CPU3, and CPU4. Inputs include A[18:0] (CPU1, CPU3, CPU4), D[15:0] (CPU1, CPU3, CPU4), CS1 (CPU1), CS2 (CPU1), CS3 (CPU1), CS4 (CPU1), and RESET (CPU1, CPU4). Outputs include MAIL\_BOX\_INT, DPRAM\_BUSY, SYS\_SERVO\_INT\_L, and IF (SYS\_AB[10:0]).
- IC264 (SN74S1051NSR):** Connected to CPU1, CPU3, and CPU4. Inputs include A[18:0] (CPU1, CPU3, CPU4), D[15:0] (CPU1, CPU3, CPU4), CS1 (CPU1), CS2 (CPU1), CS3 (CPU1), CS4 (CPU1), and RESET (CPU1, CPU4). Outputs include MAIL\_BOX\_INT, DPRAM\_BUSY, SYS\_SERVO\_INT\_L, and IF (SYS\_AB[10:0]).
- IC265 (SN74S1051NSR):** Connected to CPU1, CPU3, and CPU4. Inputs include A[18:0] (CPU1, CPU3, CPU4), D[15:0] (CPU1, CPU3, CPU4), CS1 (CPU1), CS2 (CPU1), CS3 (CPU1), CS4 (CPU1), and RESET (CPU1, CPU4). Outputs include MAIL\_BOX\_INT, DPRAM\_BUSY, SYS\_SERVO\_INT\_L, and IF (SYS\_AB[10:0]).
- IC266 (MC74HC164F-R):** Connected to CPU1, CPU3, and CPU4. Inputs include A[18:0] (CPU1, CPU3, CPU4), D[15:0] (CPU1, CPU3, CPU4), CS1 (CPU1), CS2 (CPU1), CS3 (CPU1), CS4 (CPU1), and RESET (CPU1, CPU4). Outputs include MAIL\_BOX\_INT, DPRAM\_BUSY, SYS\_SERVO\_INT\_L, and IF (SYS\_AB[10:0]).
- IC267 (MC74HC164F-R):** Connected to CPU1, CPU3, and CPU4. Inputs include A[18:0] (CPU1, CPU3, CPU4), D[15:0] (CPU1, CPU3, CPU4), CS1 (CPU1), CS2 (CPU1), CS3 (CPU1), CS4 (CPU1), and RESET (CPU1, CPU4). Outputs include MAIL\_BOX\_INT, DPRAM\_BUSY, SYS\_SERVO\_INT\_L, and IF (SYS\_AB[10:0]).
- IC268 (MC74HC164F-R):** Connected to CPU1, CPU3, and CPU4. Inputs include A[18:0] (CPU1, CPU3, CPU4), D[15:0] (CPU1, CPU3, CPU4), CS1 (CPU1), CS2 (CPU1), CS3 (CPU1), CS4 (CPU1), and RESET (CPU1, CPU4). Outputs include MAIL\_BOX\_INT, DPRAM\_BUSY, SYS\_SERVO\_INT\_L, and IF (SYS\_AB[10:0]).
- IC269 (MC74HC164F-R):** Connected to CPU1, CPU3, and CPU4. Inputs include A[18:0] (CPU1, CPU3, CPU4), D[15:0] (CPU1, CPU3, CPU4), CS1 (CPU1), CS2 (CPU1), CS3 (CPU1), CS4 (CPU1), and RESET (CPU1, CPU4). Outputs include MAIL\_BOX\_INT, DPRAM\_BUSY, SYS\_SERVO\_INT\_L, and IF (SYS\_AB[10:0]).
- IC270 (MC74HC164F-R):** Connected to CPU1, CPU3, and CPU4. Inputs include A[18:0] (CPU1, CPU3, CPU4), D[15:0] (CPU1, CPU3, CPU4), CS1 (CPU1), CS2 (CPU1), CS3 (CPU1), CS4 (CPU1), and RESET (CPU1, CPU4). Outputs include MAIL\_BOX\_INT, DPRAM\_BUSY, SYS\_SERVO\_INT\_L, and IF (SYS\_AB[10:0]).

**Resistors and Capacitors:**

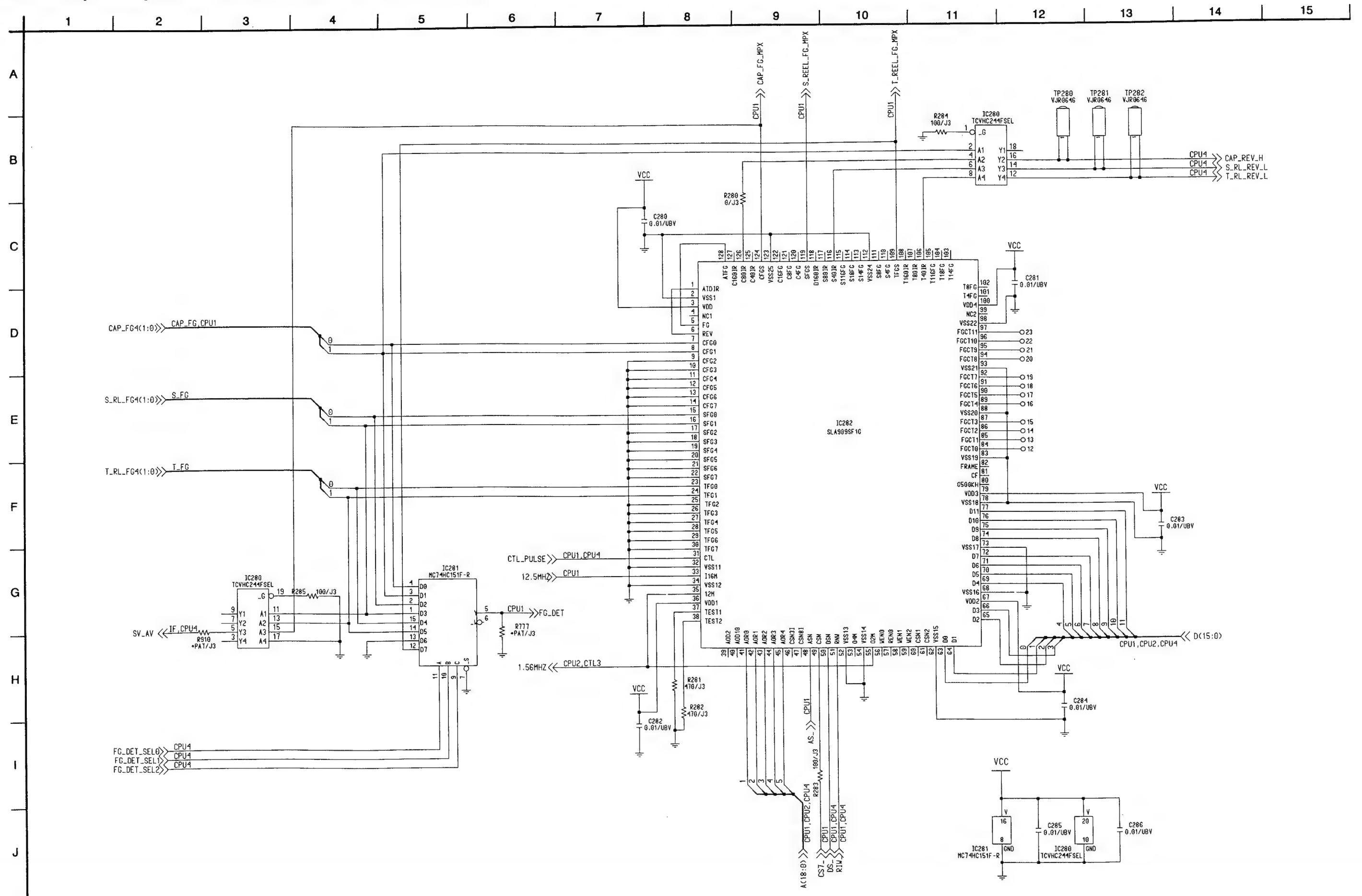
- Resistors:** R260, R261, R262, R263, R264, R265, R266, R267, R268, R269, R270, R271, R272, R273, R274, R275, R276, R277, R278.
- Capacitors:** C260, C261, C262, C263, C264, C265, C266, C267, C268, C269, C270.

**Signals and Connections:**

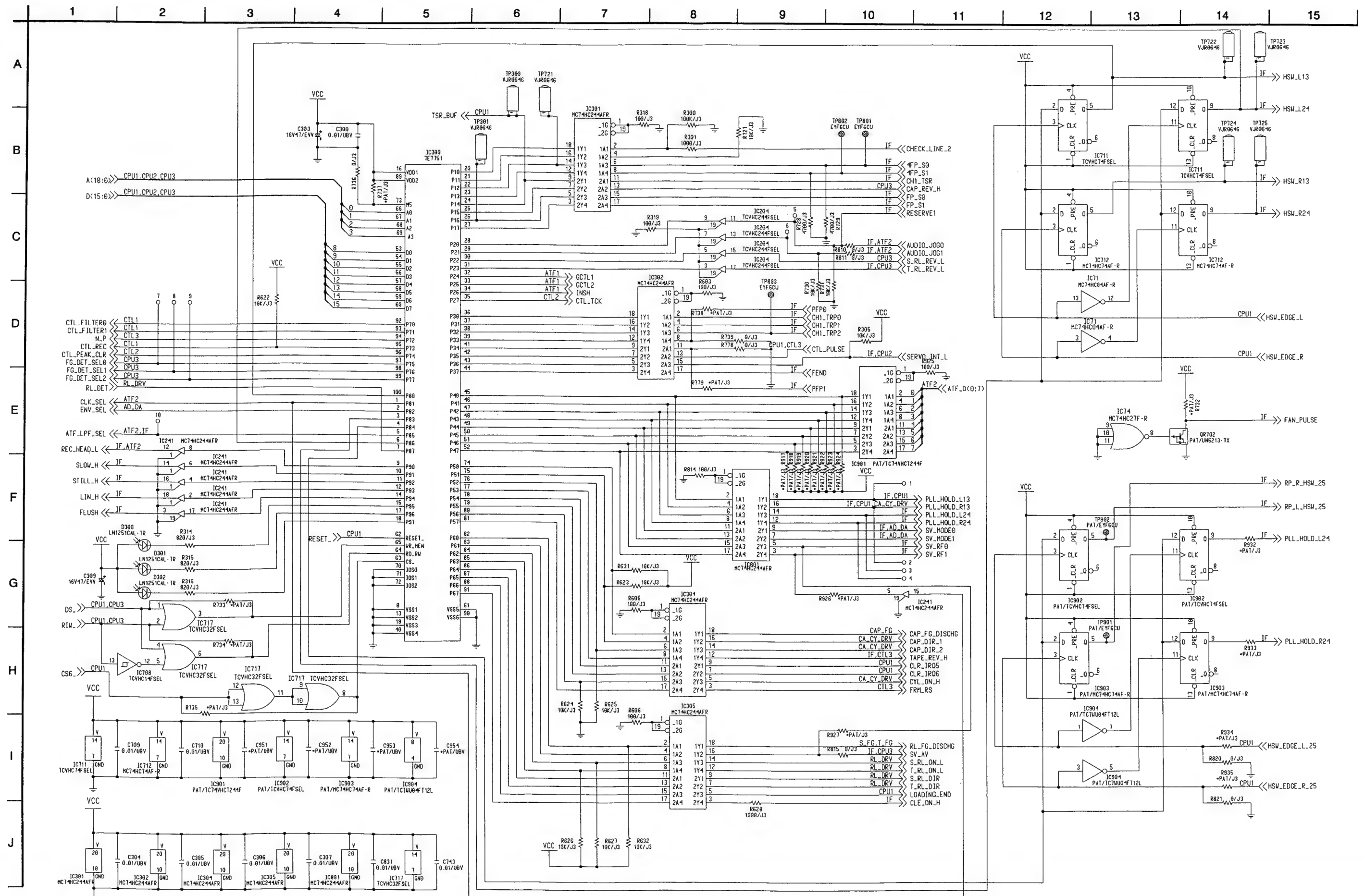
- Address (A[18:0]):** Connected to CPU1, CPU3, and CPU4.
- Data (D[15:0]):** Connected to CPU1, CPU3, and CPU4.
- Control Signals:** CS1, CS2, CS3, CS4, RESET, DSPT[8:0].
- Outputs:** MAIL\_BOX\_INT, DPRAM\_BUSY, SYS\_SERVO\_INT\_L, IF (SYS\_AB[10:0]), IF (SYS\_DB[7:0]), IF (SERVO\_CS\_L), IF (SYS\_RD\_L), IF (SYS\_WR\_L), IF (SERVO\_INT\_L), IF (SYS\_BUSY\_L).



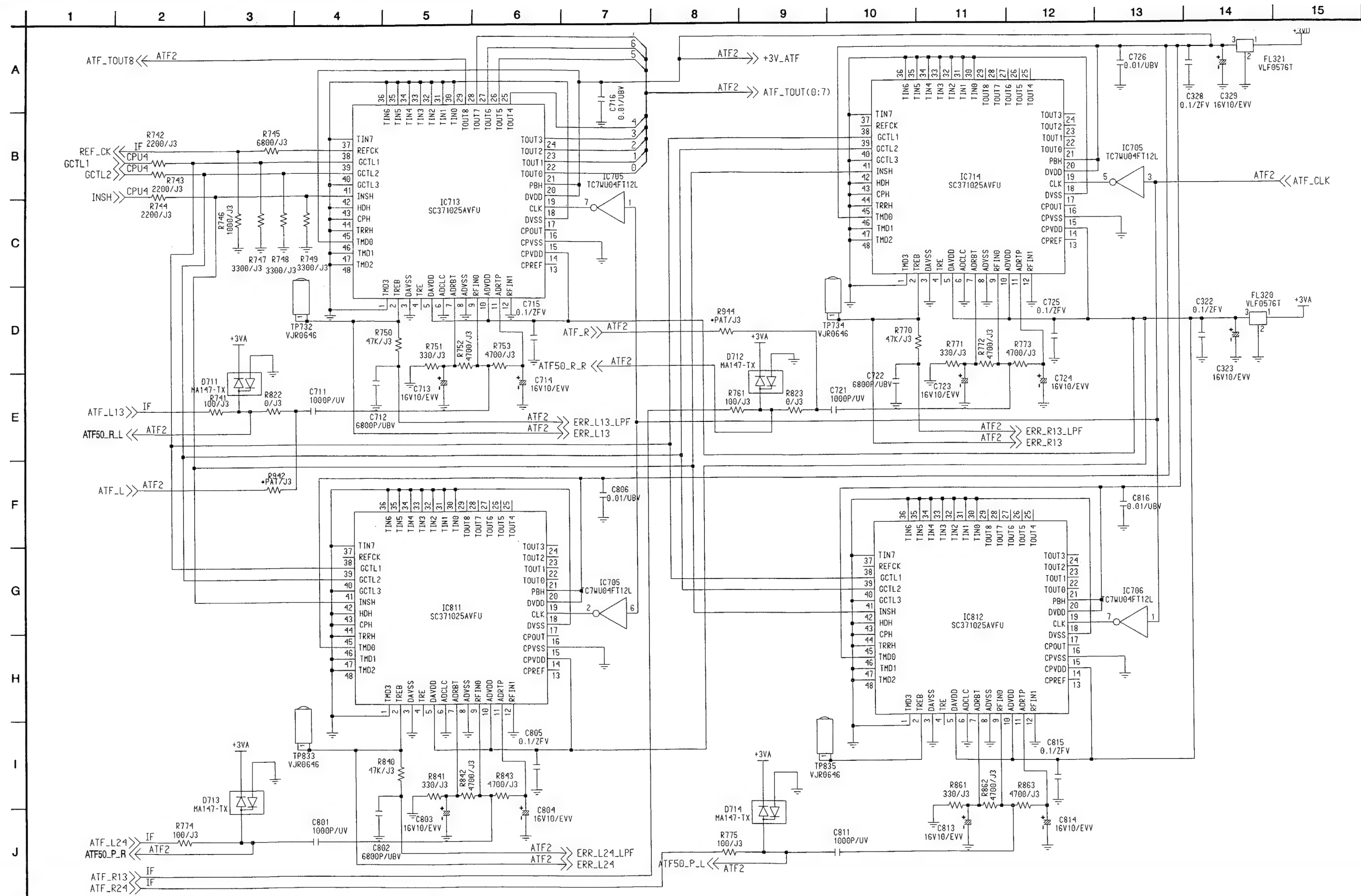
# SERVO (10/20) CPU 3 SCHEMATIC DIAGRAM



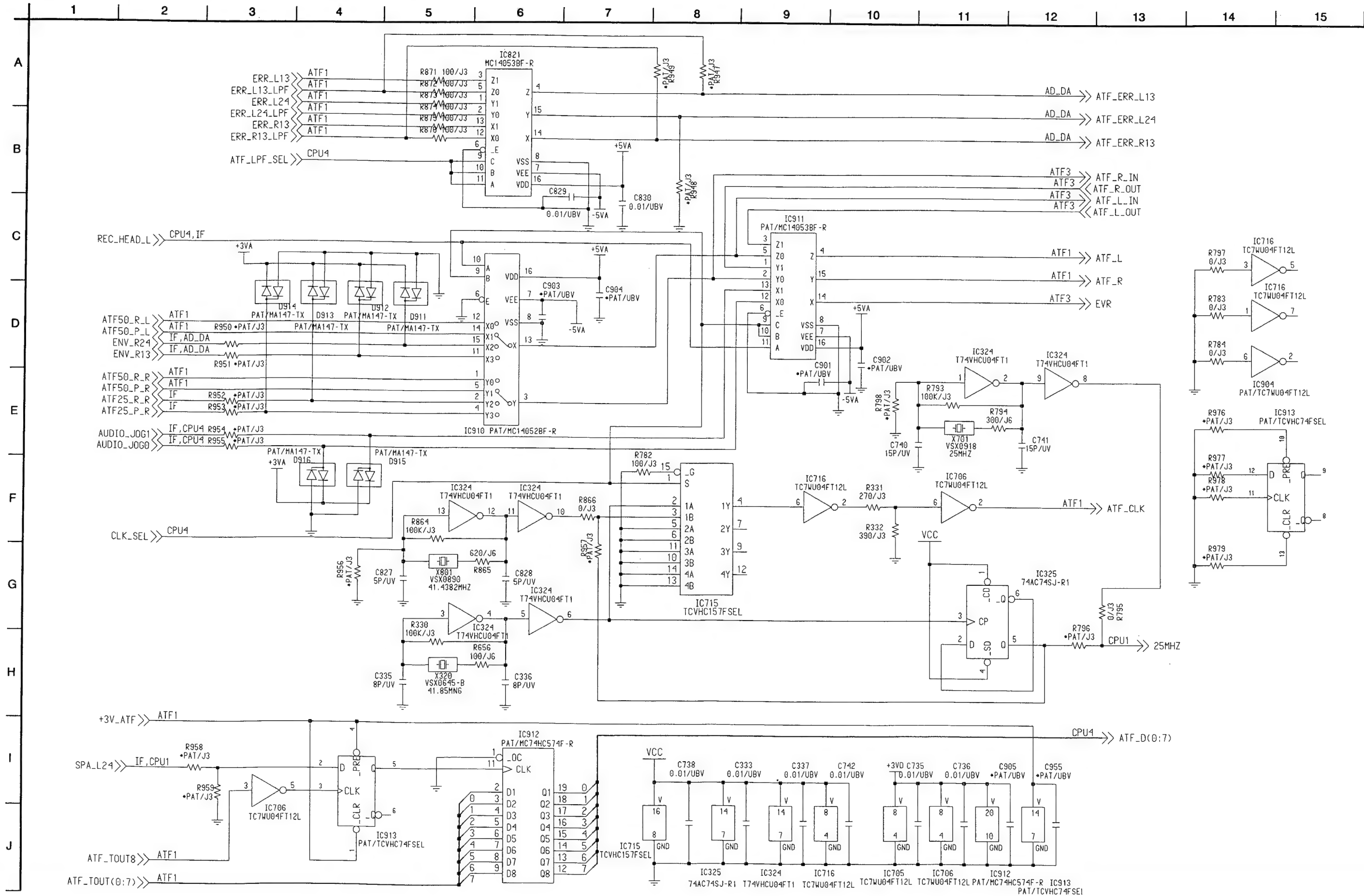
## SERVO (11/20) CPU 4 SCHEMATIC DIAGRAM



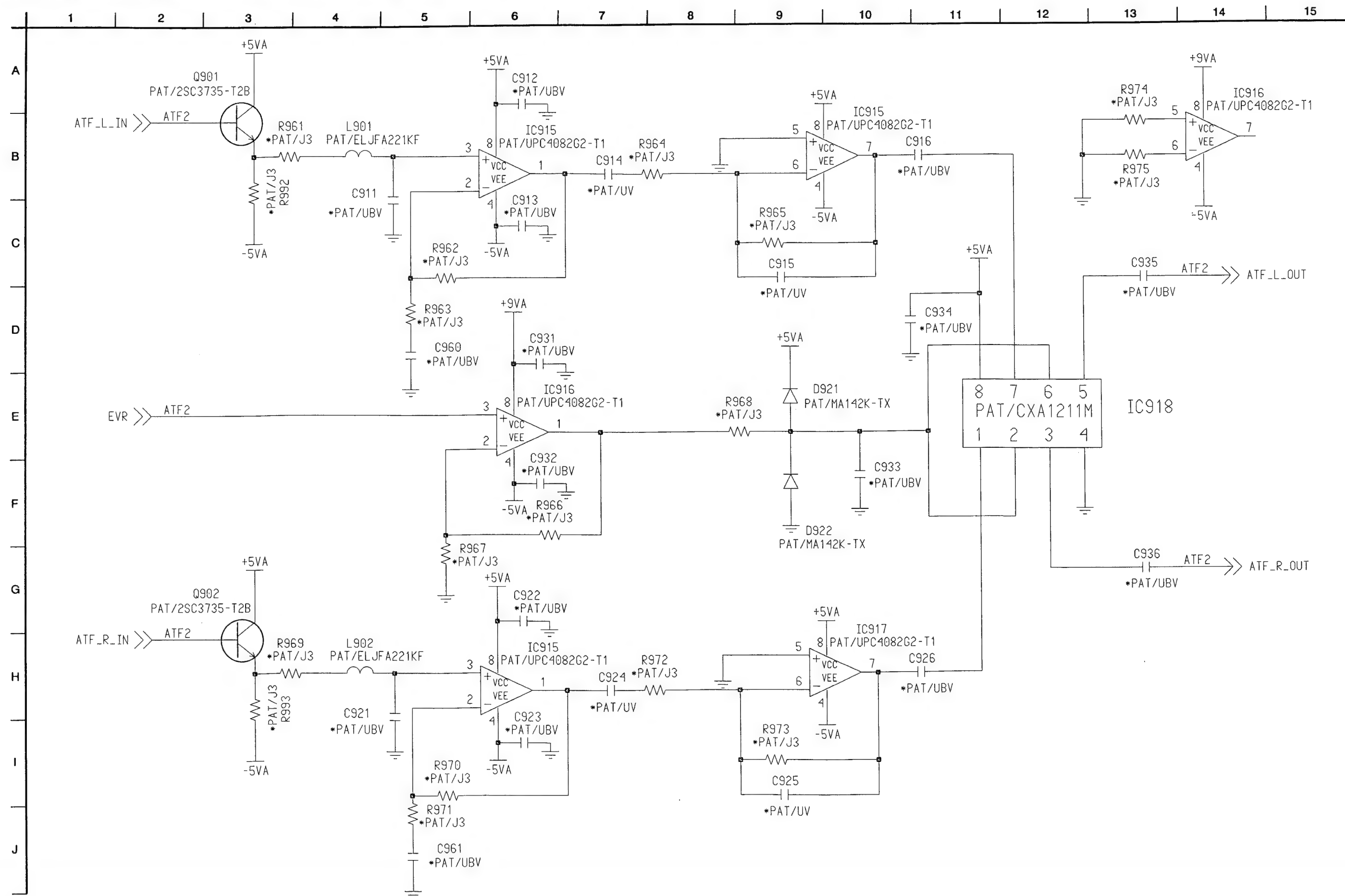
# SERVO (12/20) ATF 1 SCHEMATIC DIAGRAM



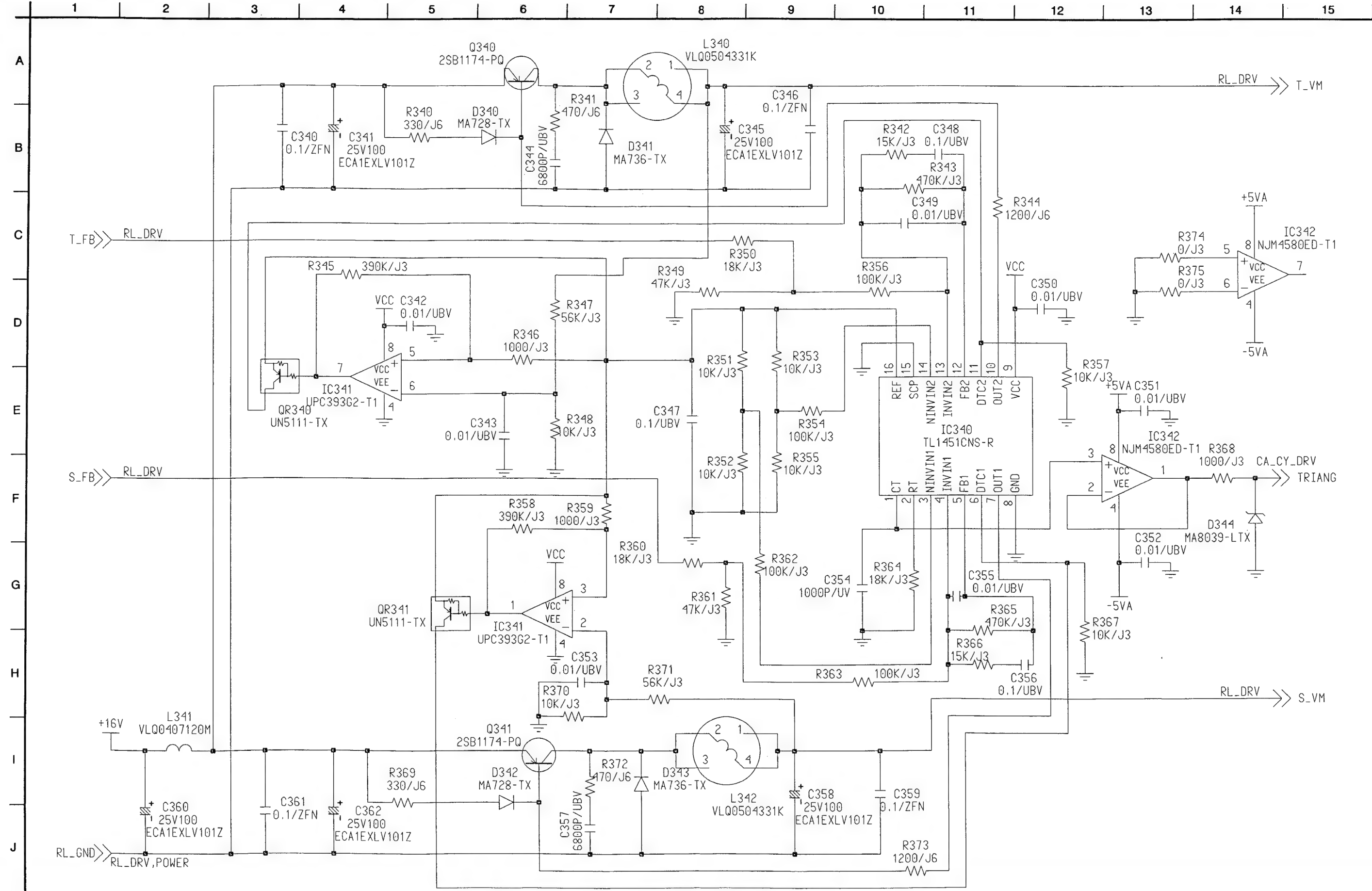
SERVO (13/20) ATF 2 SCHEMATIC DIAGRAM



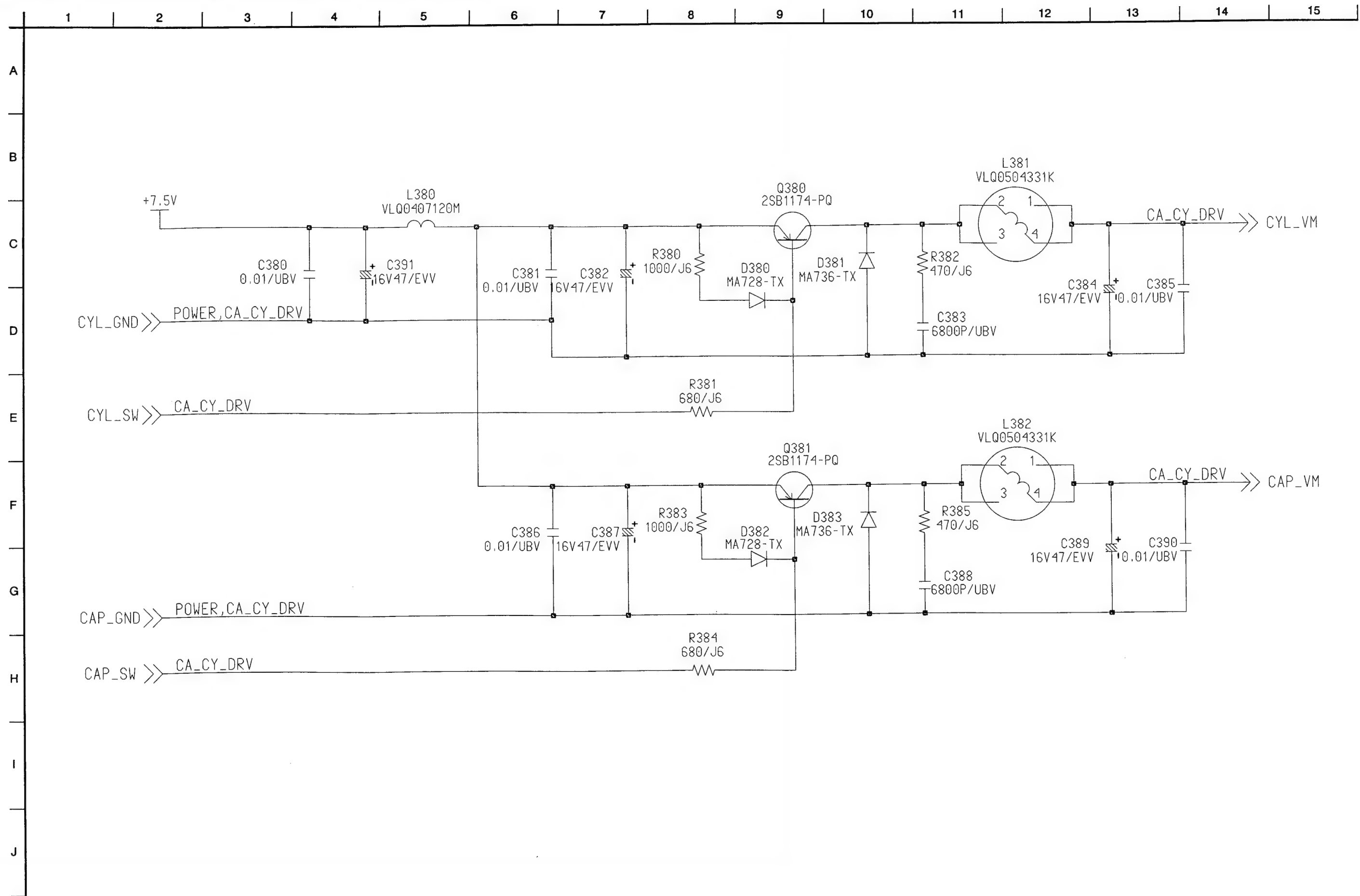
# SERVO (14/20) ATF 3 SCHEMATIC DIAGRAM



SERVO (15/20) SW 1 SCHEMATIC DIAGRAM

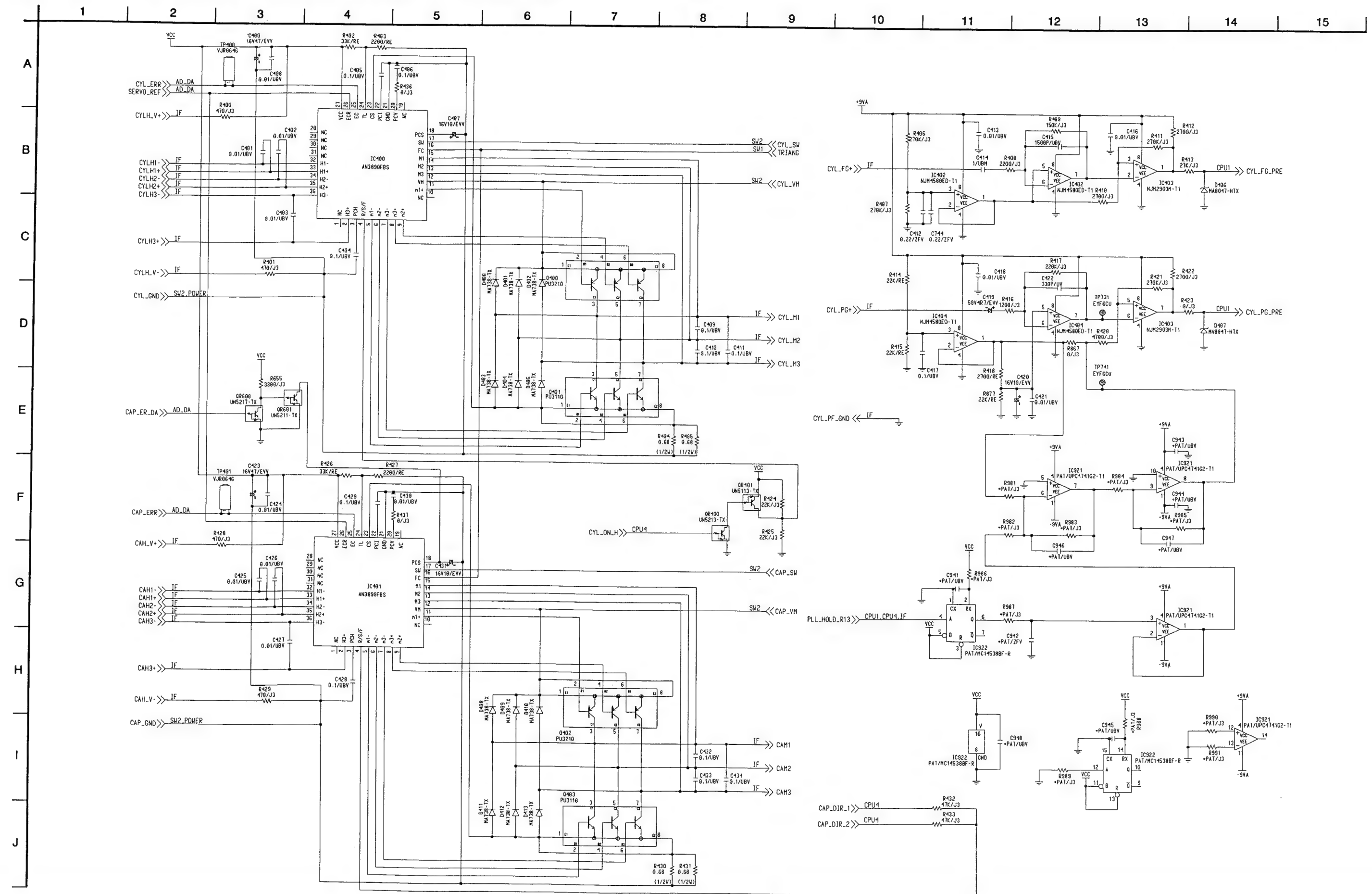


# SERVO (16/20) SW 2 SCHEMATIC DIAGRAM



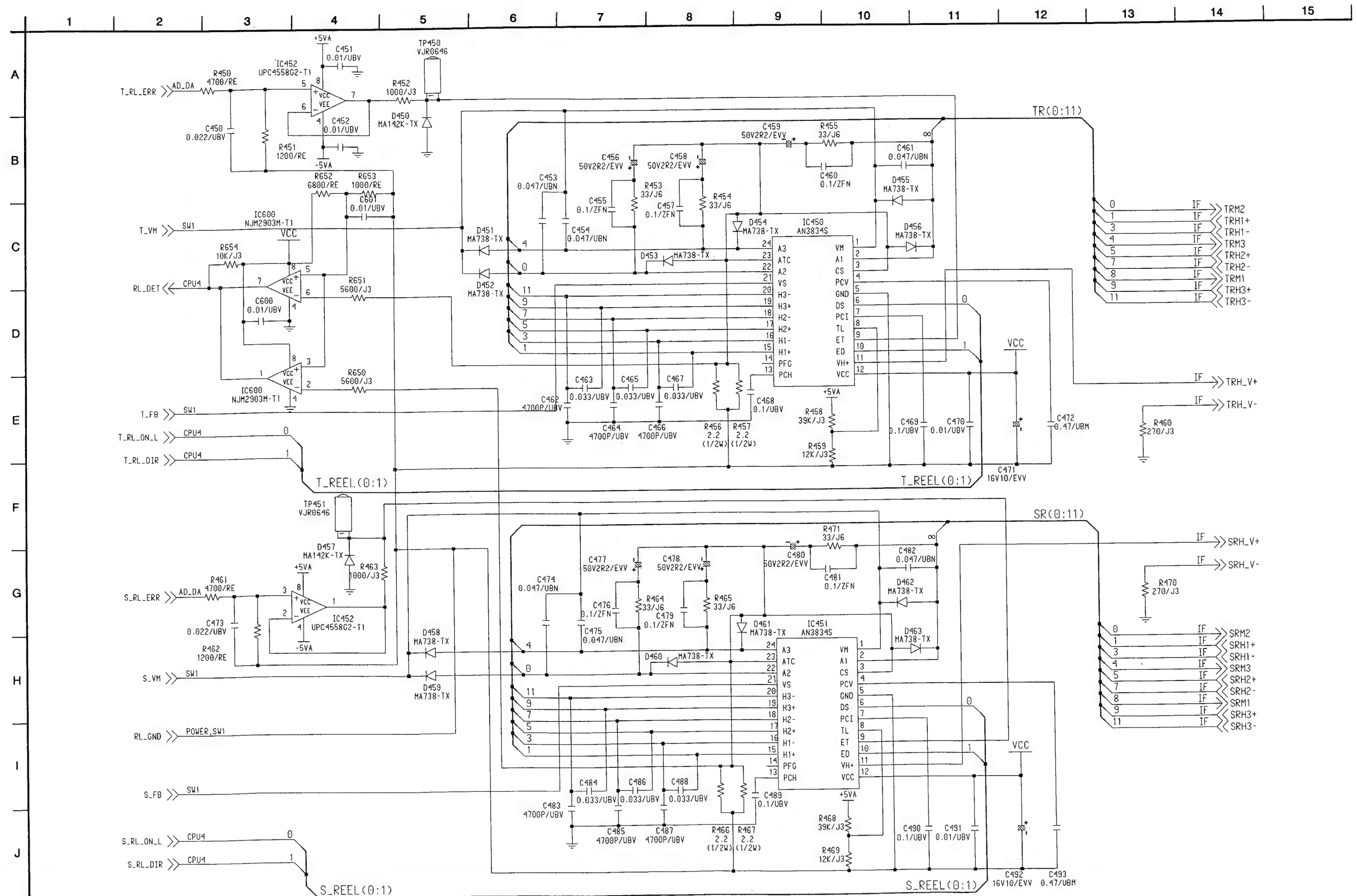


## SERVO (17/20) CA CY DRV SCHEMATIC DIAGRAM

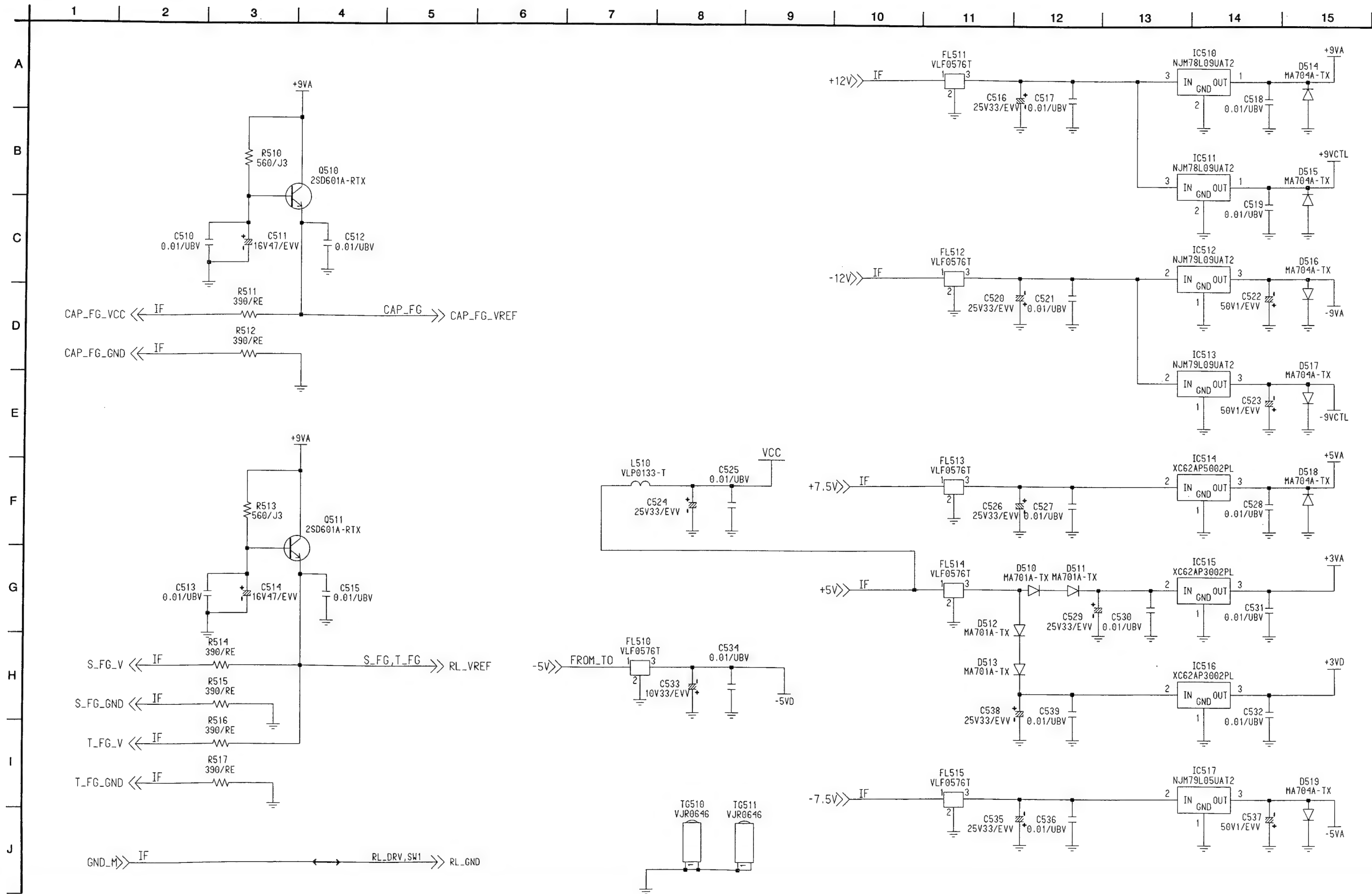




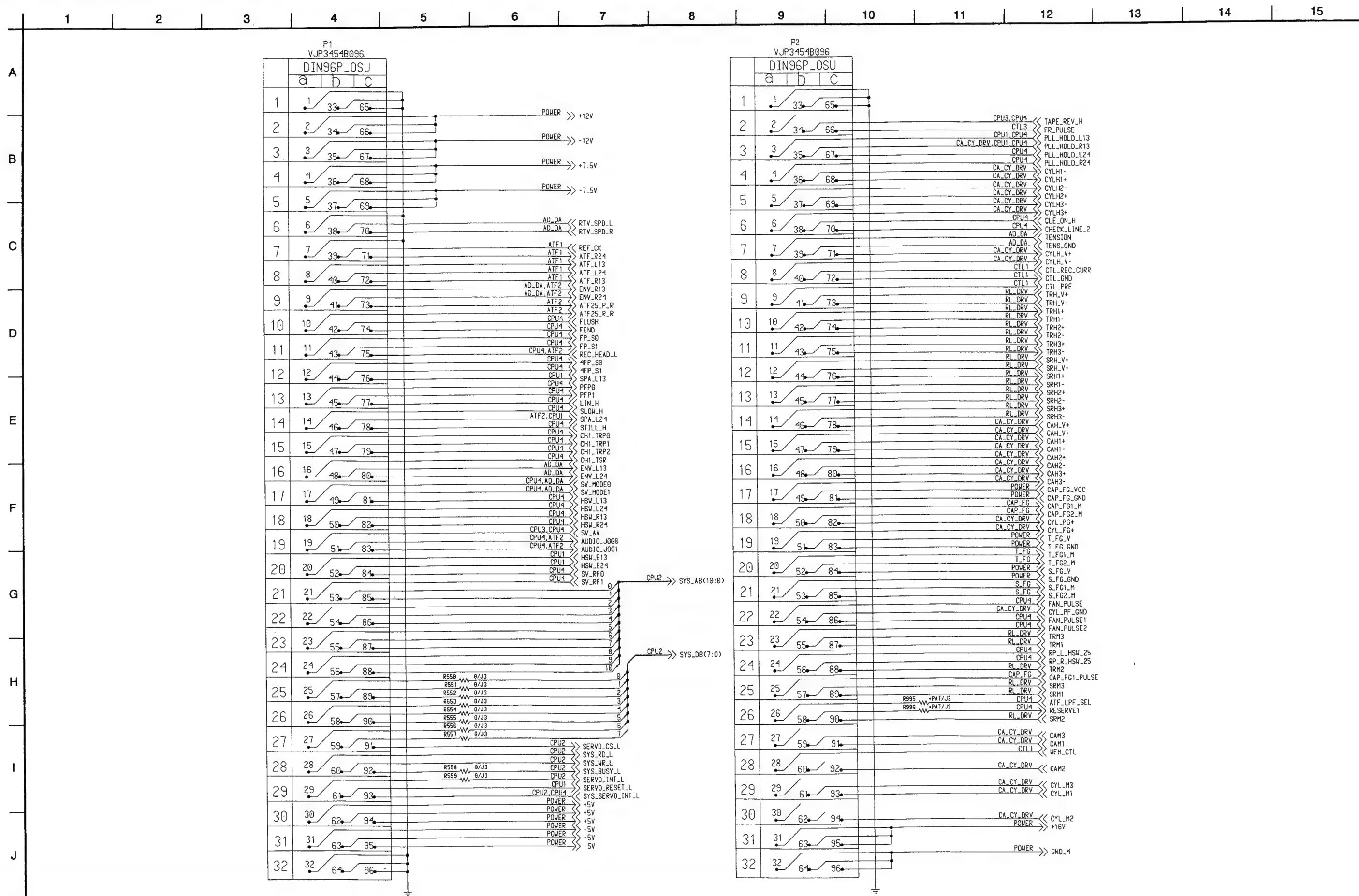
# SERVO (18/20) RL DRV SCHEMATIC DIAGRAM



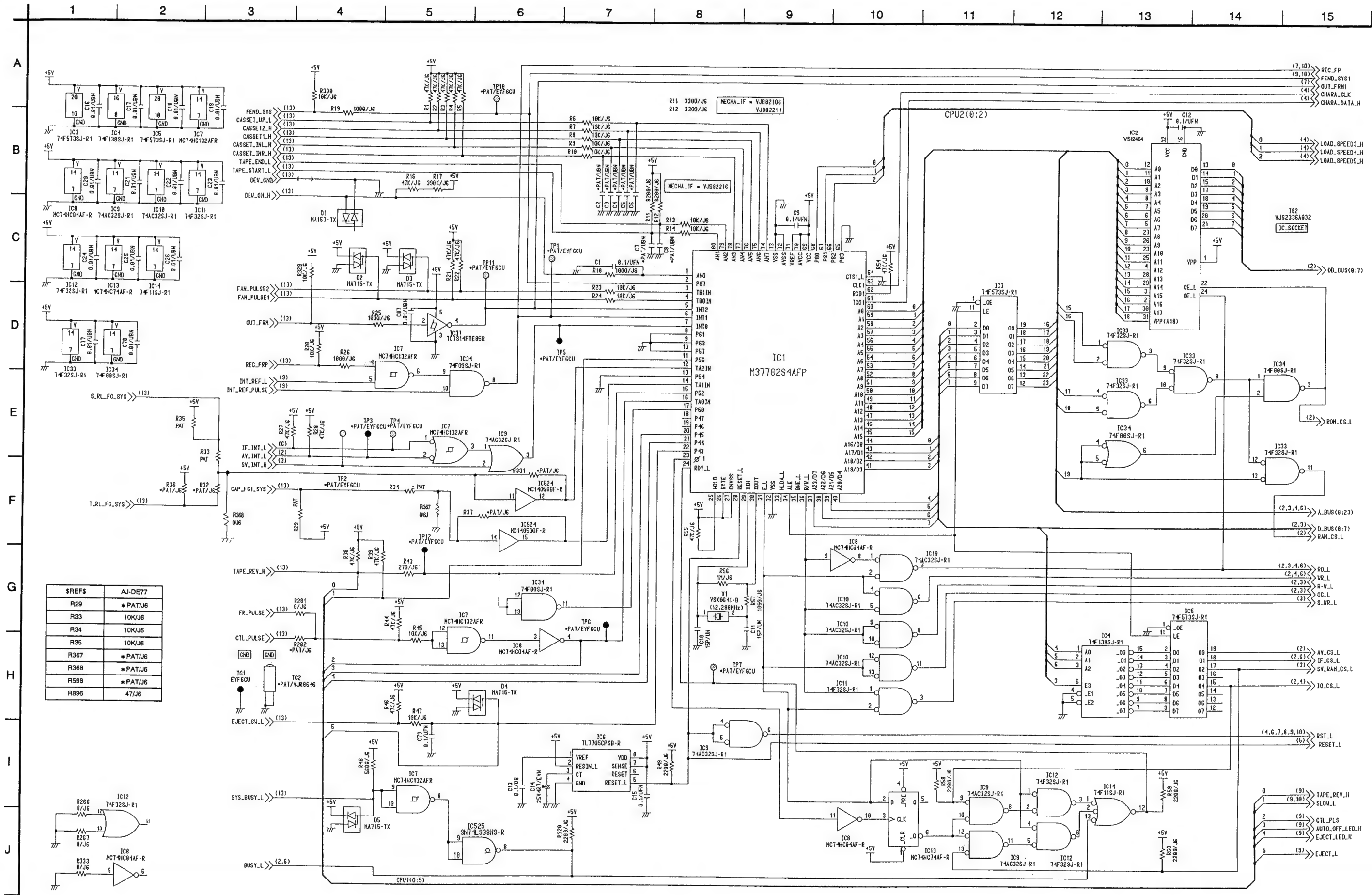
SERVO (19/20) POWER SCHEMATIC DIAGRAM



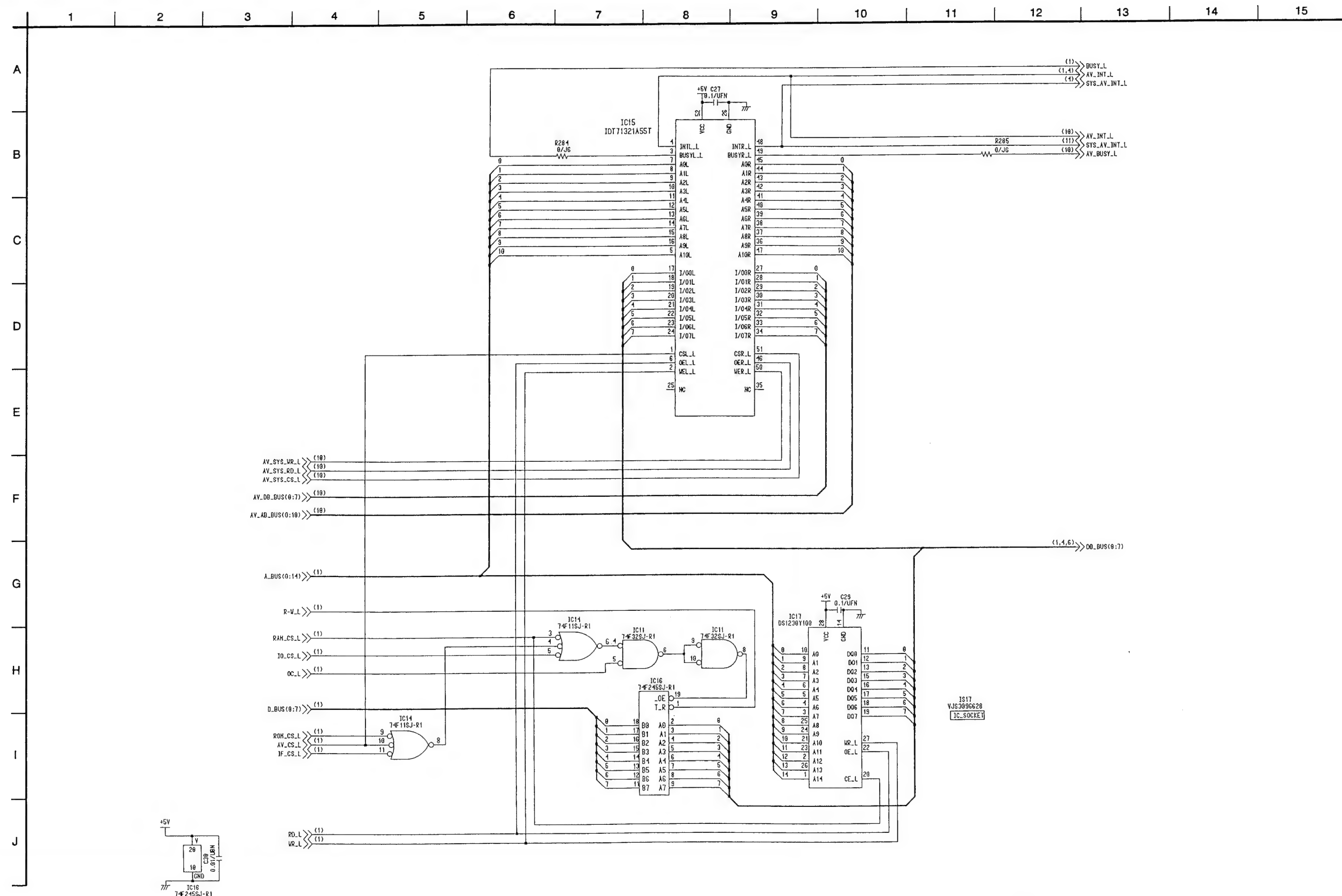
SERVO (20/20) IF SCHEMATIC DIAGRAM



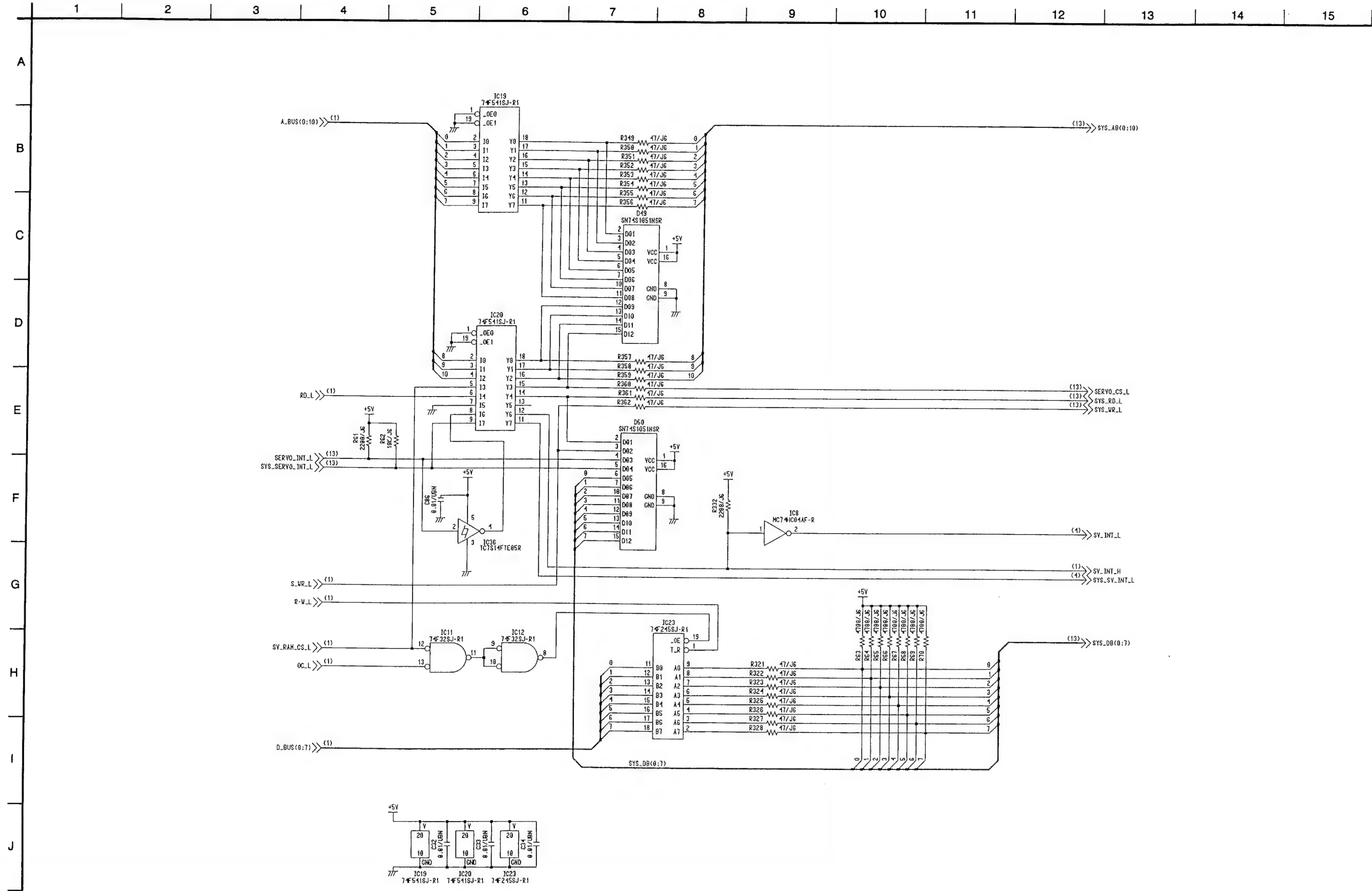
SYSN (1/13) MAIN SCHEMATIC DIAGRAM



SYSCON (2/13) MAIN SCHEMATIC DIAGRAM

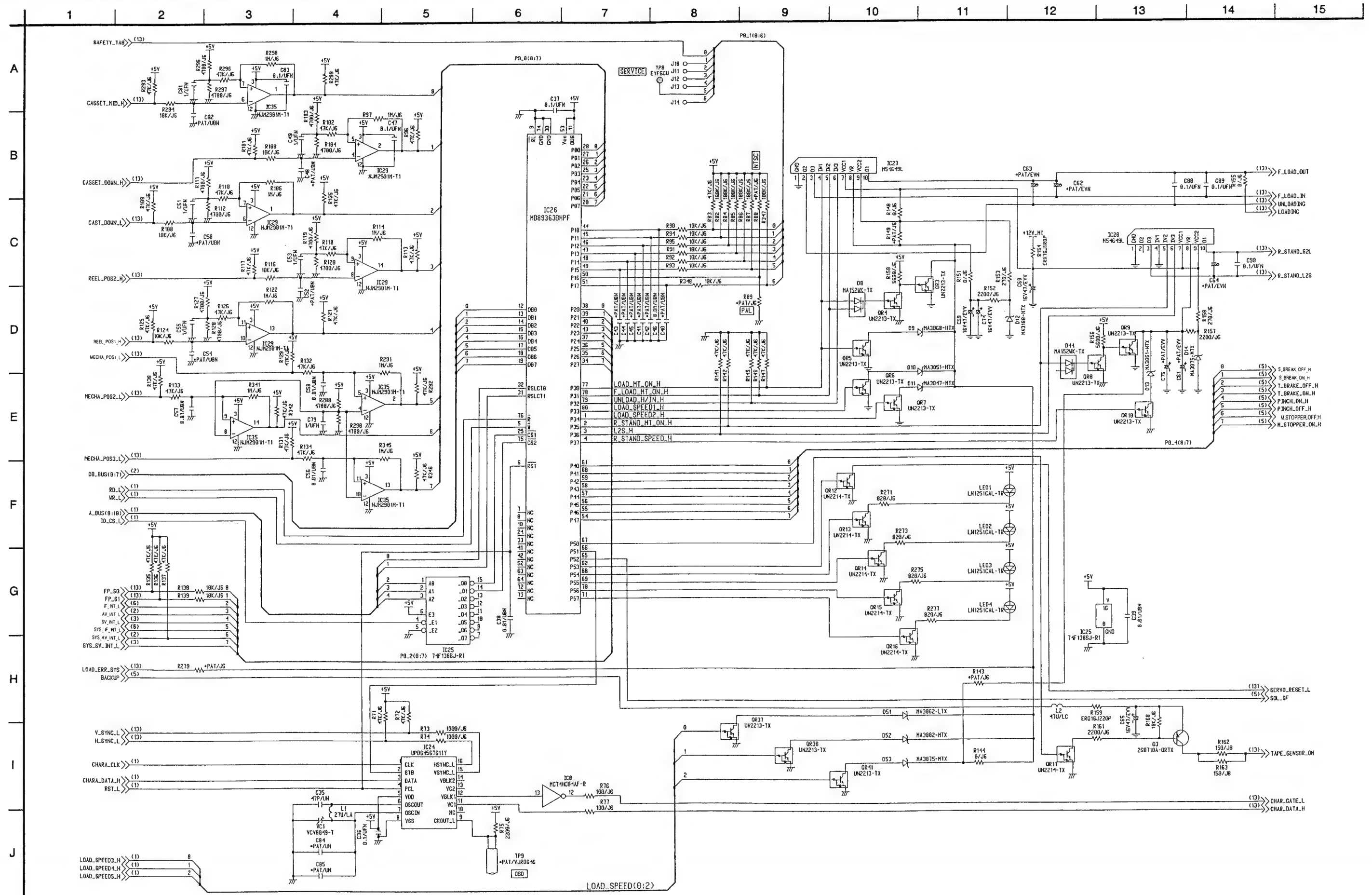


SYSICON (3/13) MAIN SCHEMATIC DIAGRAM





# SYSICON (4/13) MAIN SCHEMATIC DIAGRAM



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

A

B

C

D

E

F

G

H

I

J

RESET\_L (1)

S\_BRAKE\_OFF\_H (4)

S\_BRAKE\_ON\_H (4)

T\_BRAKE\_OFF\_H (4)

T\_BRAKE\_ON\_H (4)

PINCH\_ON\_H (4)

PINCH\_OFF\_H (4)

H\_STOPPER\_OFF\_H (4)

H\_STOPPER\_ON\_H (4)

SOL\_SF (4)

BACKUP (4,13)

S\_BRAKE\_ON (13)

S\_BRAKE\_OFF (13)

H\_STOPPER\_OFF (13)

H\_STOPPER\_ON (13)

T\_BRAKE\_ON (13)

T\_BRAKE\_OFF (13)

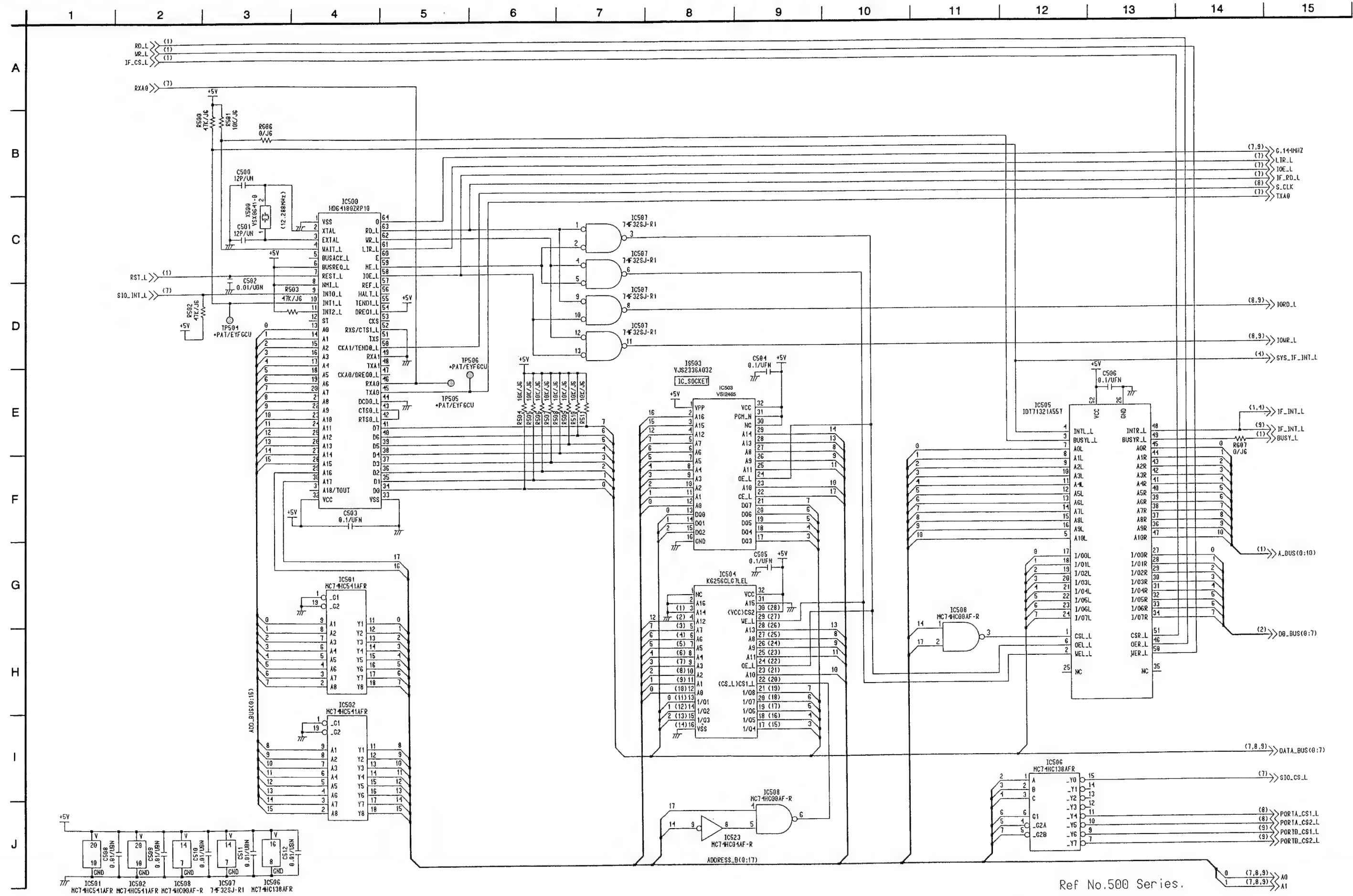
PINCH\_ON (13)

PINCH\_OFF (13)

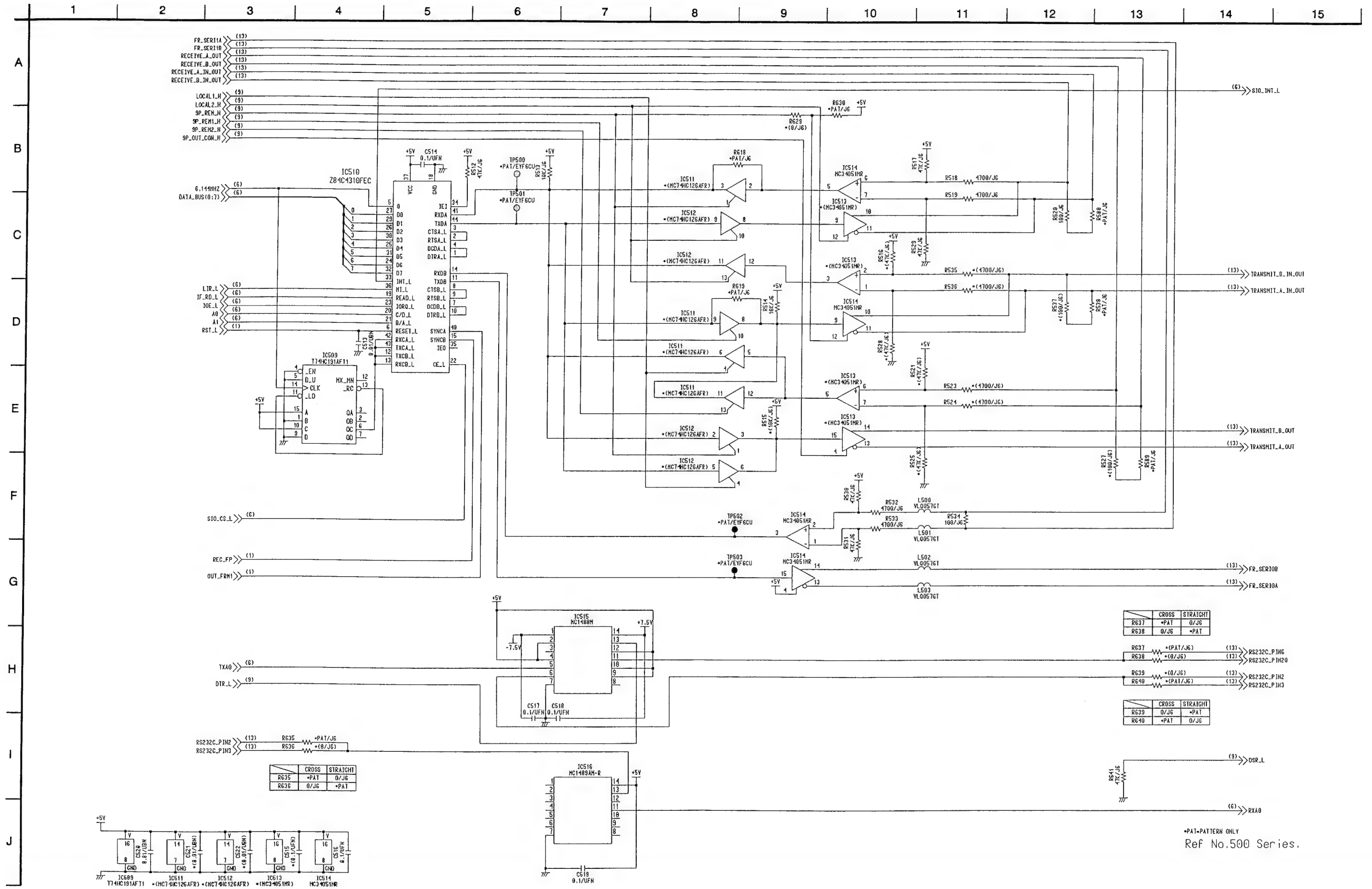
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SYSCON (6/13) I / F SCHEMATIC DIAGRAM



## SYSCON (7/13) I / F SCHEMATIC DIAGRAM



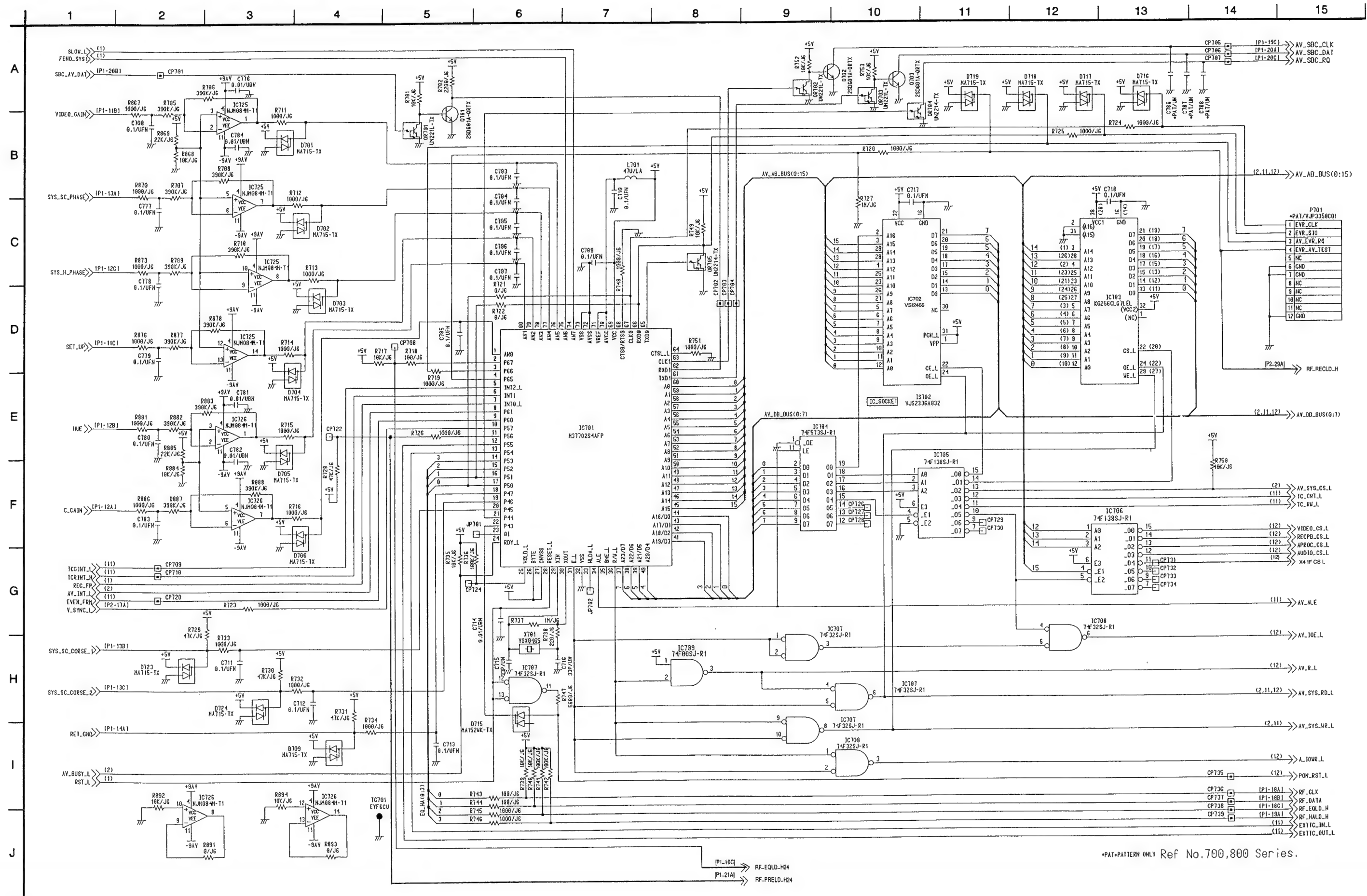
7-28

The schematic diagram illustrates the internal wiring of the Ref. No. 500 Series circuit board. It features several integrated circuits (ICs) including MC74HC191AF-T1, MC74HC574FR, MC74HC08AF-R, MC74HC00AF-R, MC14021BF-R, MC14029, MC14050BF-R, and MC14050AF-R. The board also includes numerous passive components such as resistors (R28, R33, R34, R35, R367, R368, R598, R896, R632, R621, R622, R623, R624, R625, R626, R627, R628), capacitors (C543, C544, C545, C547, C548, C549, C550, C551, C552, C553, C554, C555, C556, C557, C558, C559, C560, C561, C562, C563, C564, C565, C566, C567, C568, C569, C570, C571, C572, C573, C574, C575, C576, C577, C578, C579, C580, C581, C582, C583, C584, C585, C586, C587, C588, C589, C590, C591, C592, C593, C594, C595, C596, C597, C598, C599, C600, C601, C602, C603, C604, C605, C606, C607, C608, C609, C610, C611, C612, C613, C614, C615, C616, C617, C618, C619, C620, C621, C622, C623, C624, C625, C626, C627, C628, C629, C630, C631, C632, C633, C634, C635, C636, C637, C638, C639, C640, C641, C642, C643, C644, C645, C646, C647, C648, C649, C650, C651, C652, C653, C654, C655, C656, C657, C658, C659, C660, C661, C662, C663, C664, C665, C666, C667, C668, C669, C670, C671, C672, C673, C674, C675, C676, C677, C678, C679, C680, C681, C682, C683, C684, C685, C686, C687, C688, C689, C690, C691, C692, C693, C694, C695, C696, C697, C698, C699, C700, C701, C702, C703, C704, C705, C706, C707, C708, C709, C710, C711, C712, C713, C714, C715, C716, C717, C718, C719, C720, C721, C722, C723, C724, C725, C726, C727, C728, C729, C730, C731, C732, C733, C734, C735, C736, C737, C738, C739, C740, C741, C742, C743, C744, C745, C746, C747, C748, C749, C750, C751, C752, C753, C754, C755, C756, C757, C758, C759, C760, C761, C762, C763, C764, C765, C766, C767, C768, C769, C770, C771, C772, C773, C774, C775, C776, C777, C778, C779, C780, C781, C782, C783, C784, C785, C786, C787, C788, C789, C790, C791, C792, C793, C794, C795, C796, C797, C798, C799, C800, C801, C802, C803, C804, C805, C806, C807, C808, C809, C810, C811, C812, C813, C814, C815, C816, C817, C818, C819, C820, C821, C822, C823, C824, C825, C826, C827, C828, C829, C830, C831, C832, C833, C834, C835, C836, C837, C838, C839, C840, C841, C842, C843, C844, C845, C846, C847, C848, C849, C850, C851, C852, C853, C854, C855, C856, C857, C858, C859, C860, C861, C862, C863, C864, C865, C866, C867, C868, C869, C870, C871, C872, C873, C874, C875, C876, C877, C878, C879, C880, C881, C882, C883, C884, C885, C886, C887, C888, C889, C890, C891, C892, C893, C894, C895, C896, C897, C898, C899, C900, C901, C902, C903, C904, C905, C906, C907, C908, C909, C910, C911, C912, C913, C914, C915, C916, C917, C918, C919, C920, C921, C922, C923, C924, C925, C926, C927, C928, C929, C930, C931, C932, C933, C934, C935, C936, C937, C938, C939, C940, C941, C942, C943, C944, C945, C946, C947, C948, C949, C950, C951, C952, C953, C954, C955, C956, C957, C958, C959, C960, C961, C962, C963, C964, C965, C966, C967, C968, C969, C970, C971, C972, C973, C974, C975, C976, C977, C978, C979, C980, C981, C982, C983, C984, C985, C986, C987, C988, C989, C990, C991, C992, C993, C994, C995, C996, C997, C998, C999, C1000), and connectors (J1, J2, J3, J4, J5, J6, J7, J8, J9, J10, J11, J12, J13, J14, J15, J16, J17, J18, J19, J20, J21, J22, J23, J24, J25, J26, J27, J28, J29, J30, J31, J32, J33, J34, J35, J36, J37, J38, J39, J40, J41, J42, J43, J44, J45, J46, J47, J48, J49, J50, J51, J52, J53, J54, J55, J56, J57, J58, J59, J60, J61, J62, J63, J64, J65, J66, J67, J68, J69, J70, J71, J72, J73, J74, J75, J76, J77, J78, J79, J80, J81, J82, J83, J84, J85, J86, J87, J88, J89, J90, J91, J92, J93, J94, J95, J96, J97, J98, J99, J100). The diagram also shows power supply connections (+5V, GND) and signal inputs/outputs (IF\_INT\_L, DSR\_L, FEND\_SYS1, V\_IN\_SEL\_SW\_L, A\_IN\_SEL\_SW\_L, EJECT\_L, SLOW\_L, TAPE\_REV\_H, CTL\_PLS, AB, AI, IORD\_L, IOWR\_L, PORTB\_CS1\_L, PORTB\_CS2\_L, RST\_L, DATA\_BUS, IF\_DIPSX, EJECT\_LED\_H, AUTO\_OFF\_LED\_H, DTR\_L, LOCAL1\_H, SP\_REM1\_H, SP\_REH2\_H, LOCAL2\_H, SP\_OUT\_CON\_H, CH\_COND1\_LED, CH\_COND2\_LED, CH\_COND3\_LED, EJECT\_LED, AUTO\_OFF\_LED, INT\_REF\_L, INT\_REF\_PULSE, WARNING, VTR\_LED).

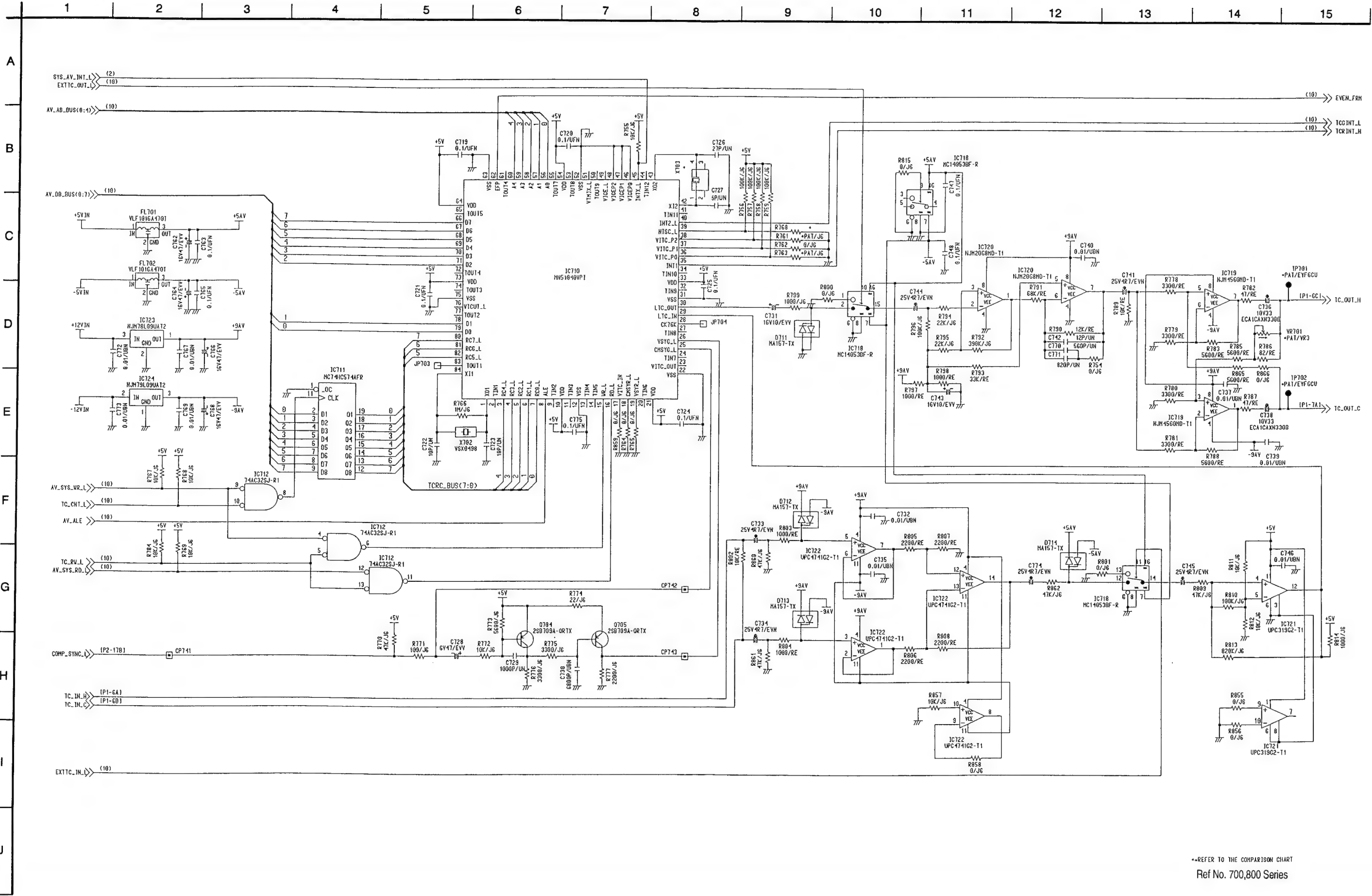
\$REF\$	AJ-DE77
R28	*PAT/J6
R33	10K/J6
R34	10K/J6
R35	10K/J6
R367	*PAT/J6
R368	*PAT/J6
R598	*PAT/J6
R896	47/J6

Ref. No. 500 Series.

## SYSCON (10/13) AV I / F SCHEMATIC DIAGRAM



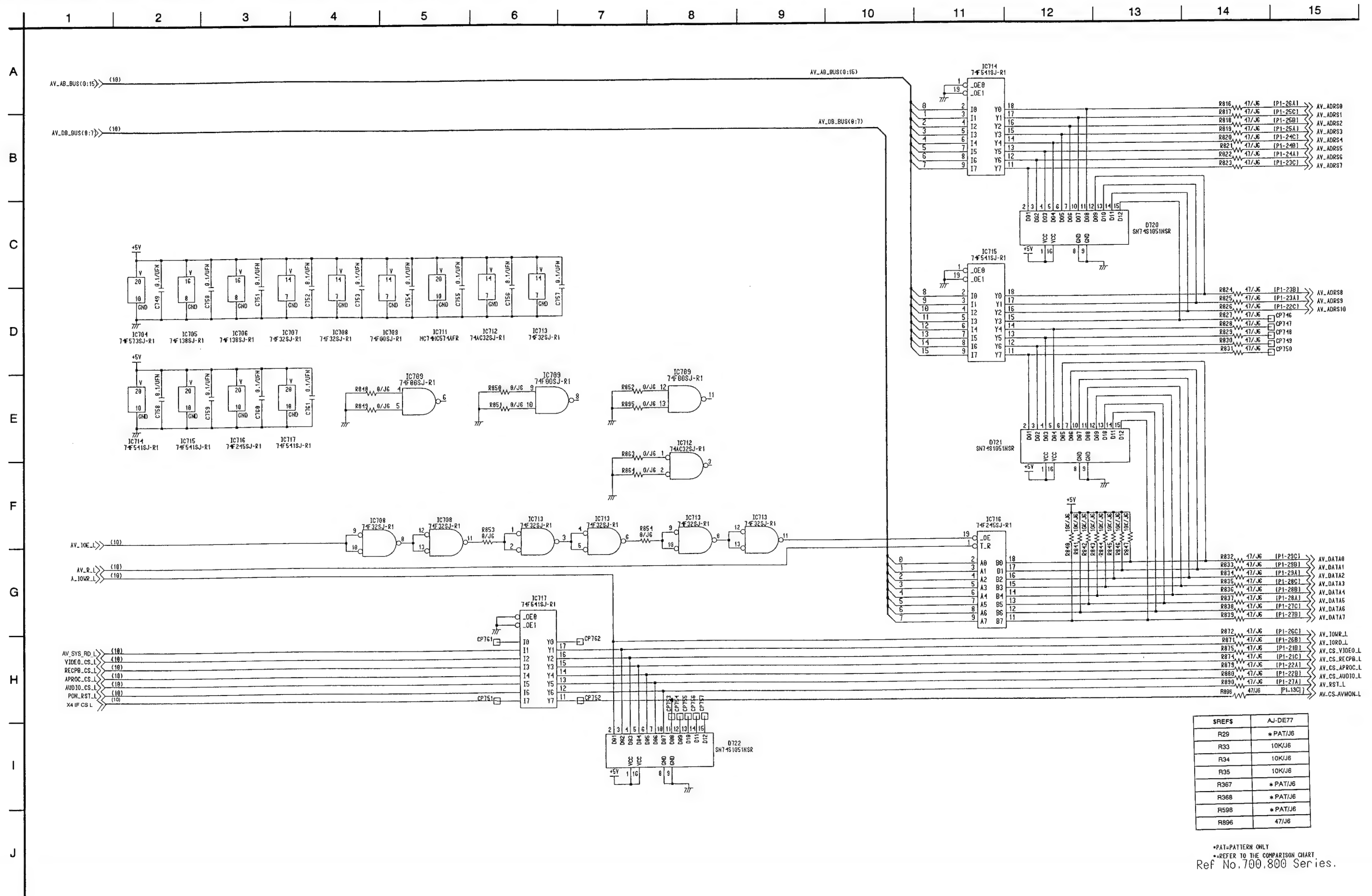
SYSCON (11/13) AV I / F SCHEMATIC DIAGRAM



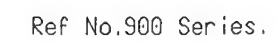
REFER TO THE COMPARISON CHART  
Ref No. 700,800 Series



## SYSCON (12/13) AV I / F SCHEMATIC DIAGRAM



## SYSCON (13/13) I / O SCHEMATIC DIAGRAM

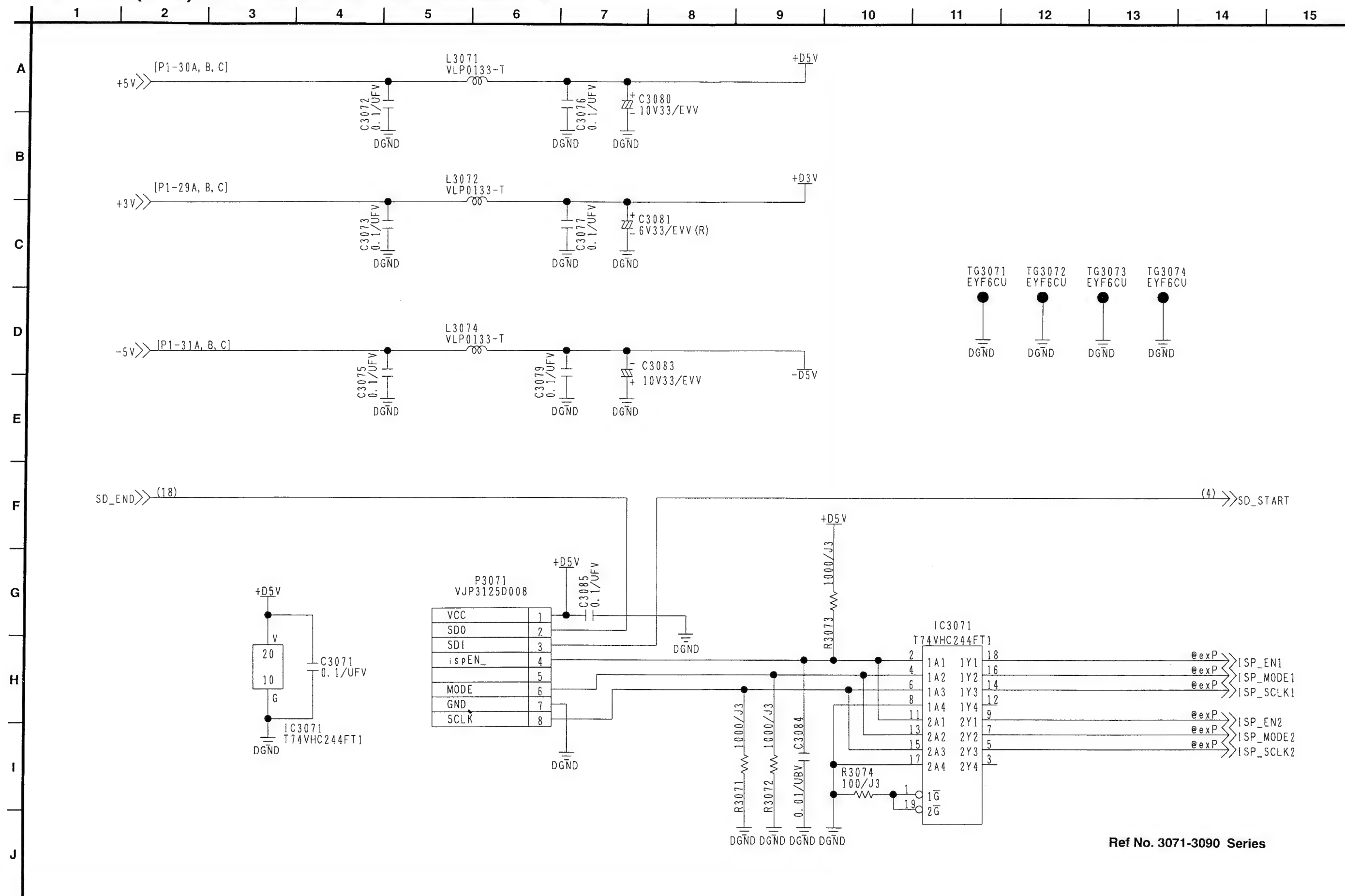


**Legend:**

R3010	AJ-DE77E
R3010	PAT

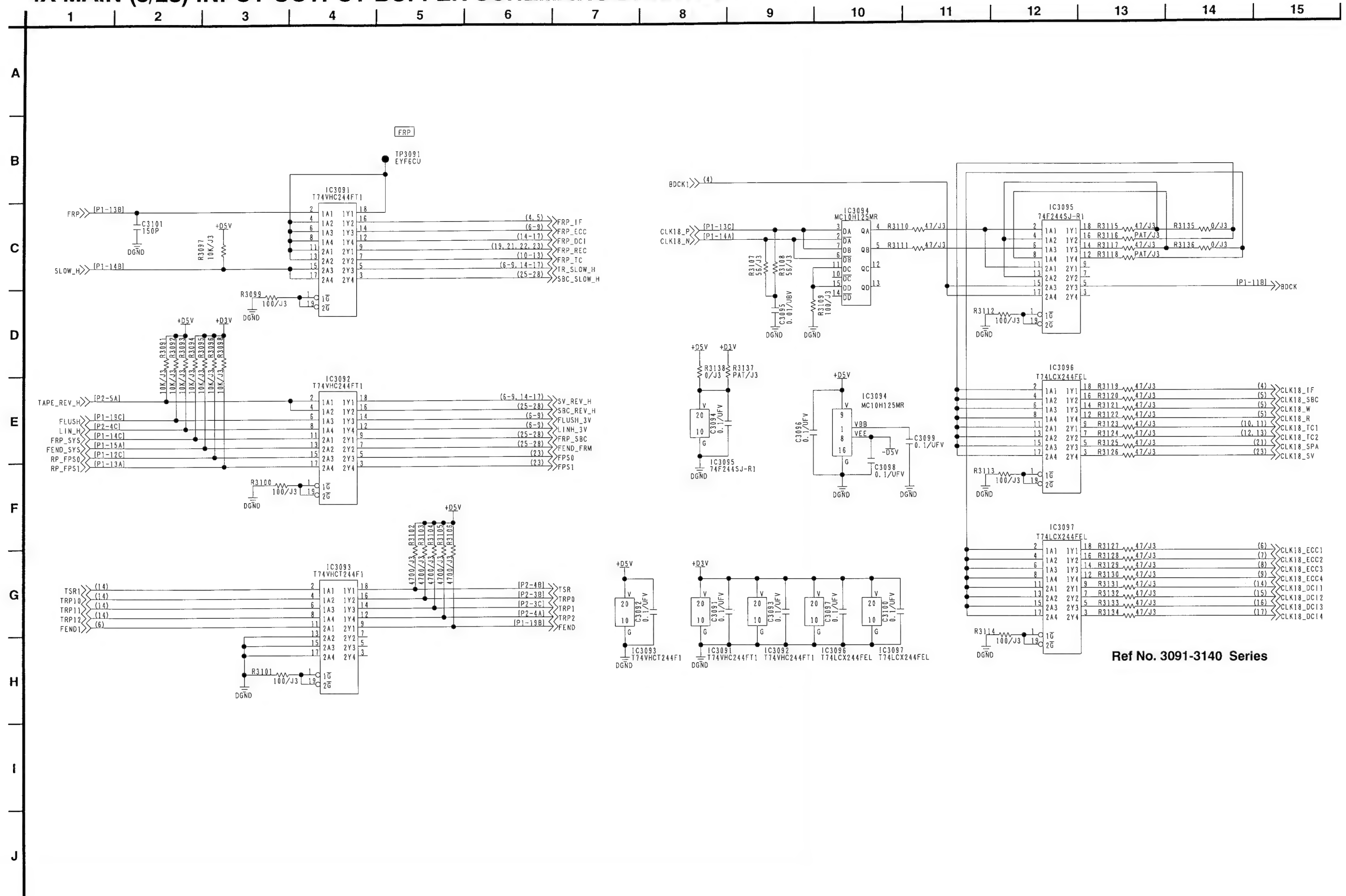
**Ref No. 3001-3070 Series**

# 4X MAIN (2/28) POWER SCHEMATIC DIAGRAM



Ref No. 3071-3090 Series

# 4X MAIN (3/28) INPUT OUTPUT BUFFER SCHEMATIC DIAGRAM



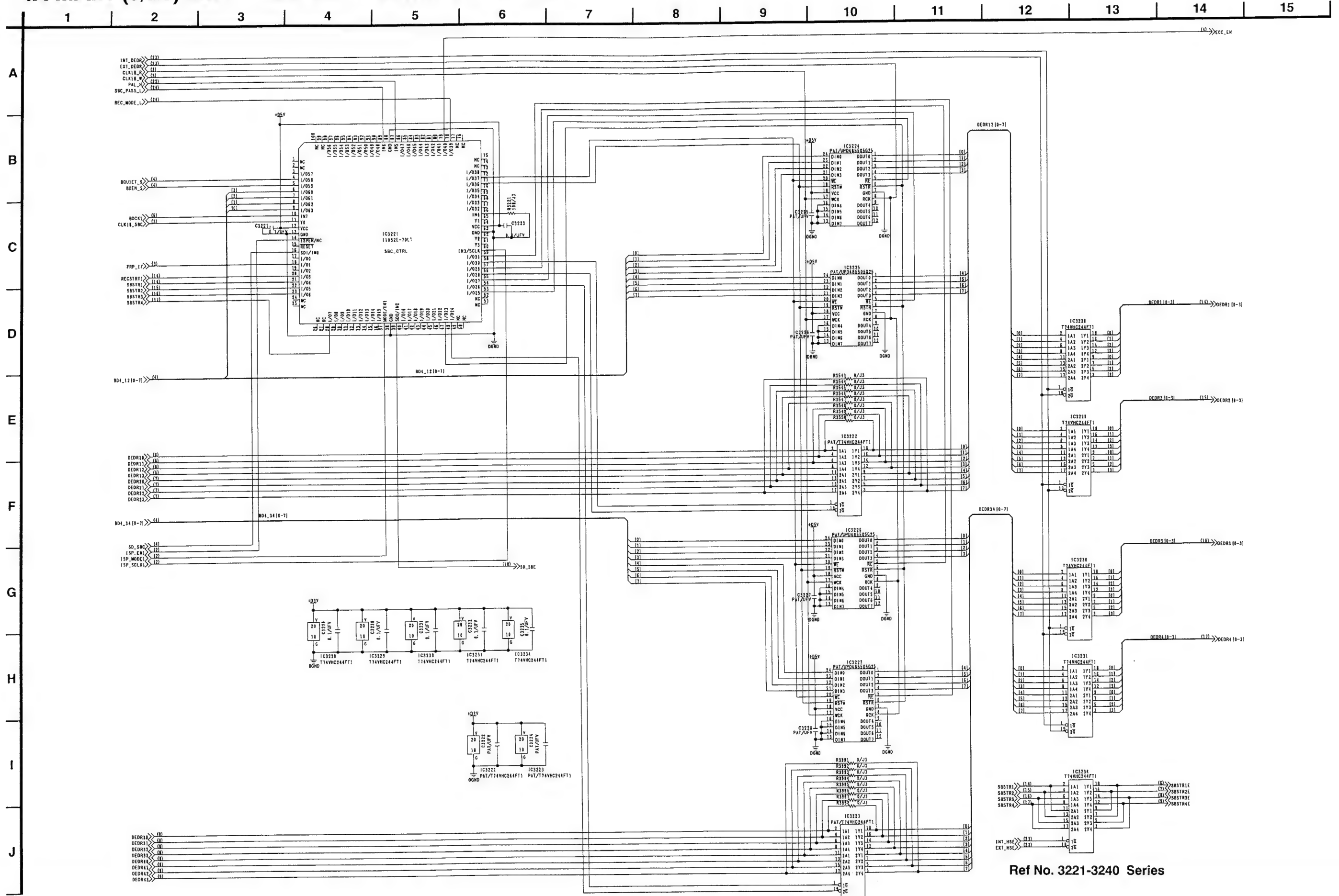
Ref No. 3091-3140 Series

7-37

(5)  $\rightarrow \rightarrow \text{SD SBC}$

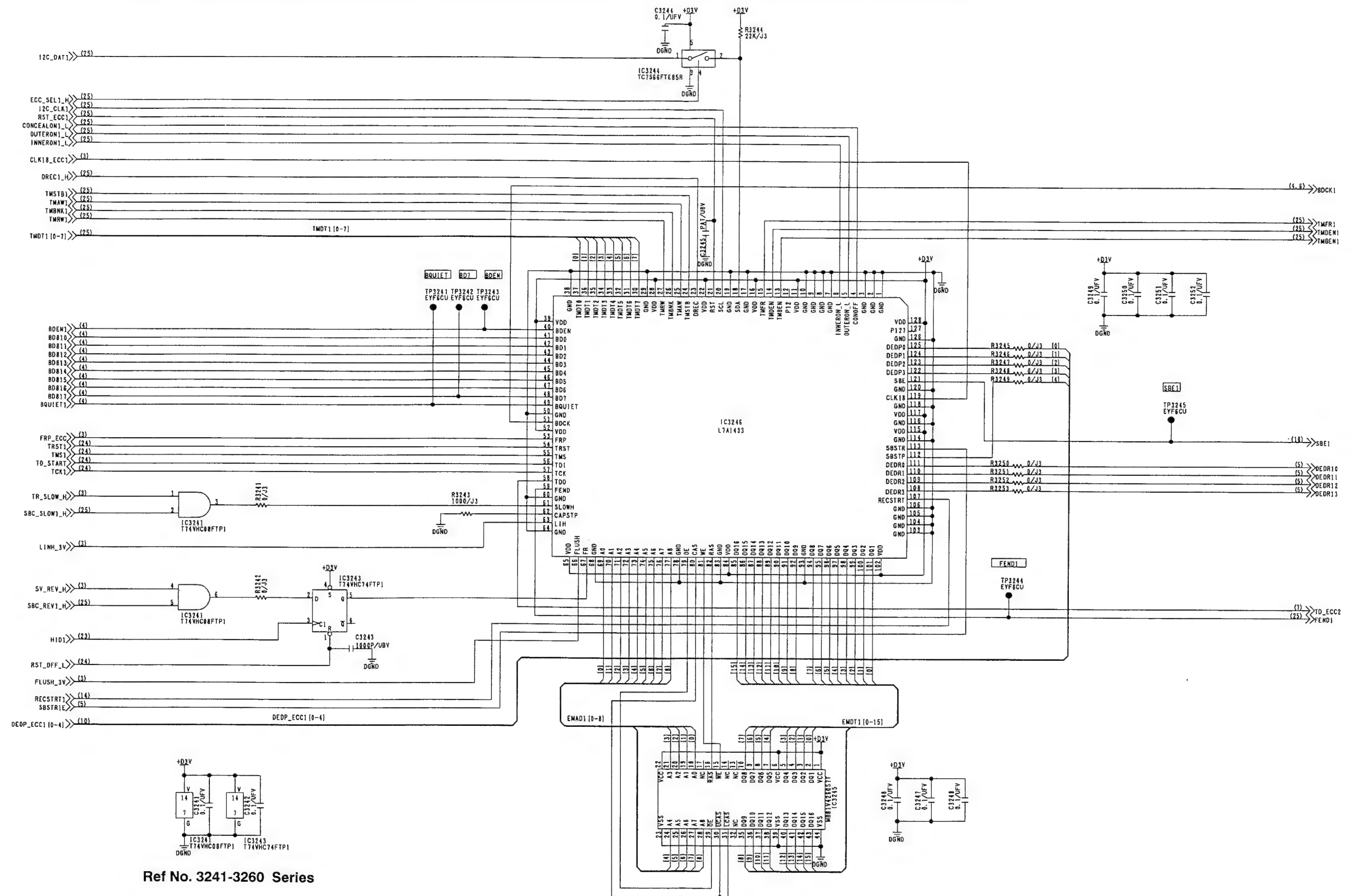


# 4X MAIN (5/28) SBC PASS SCHEMATIC DIAGRAM



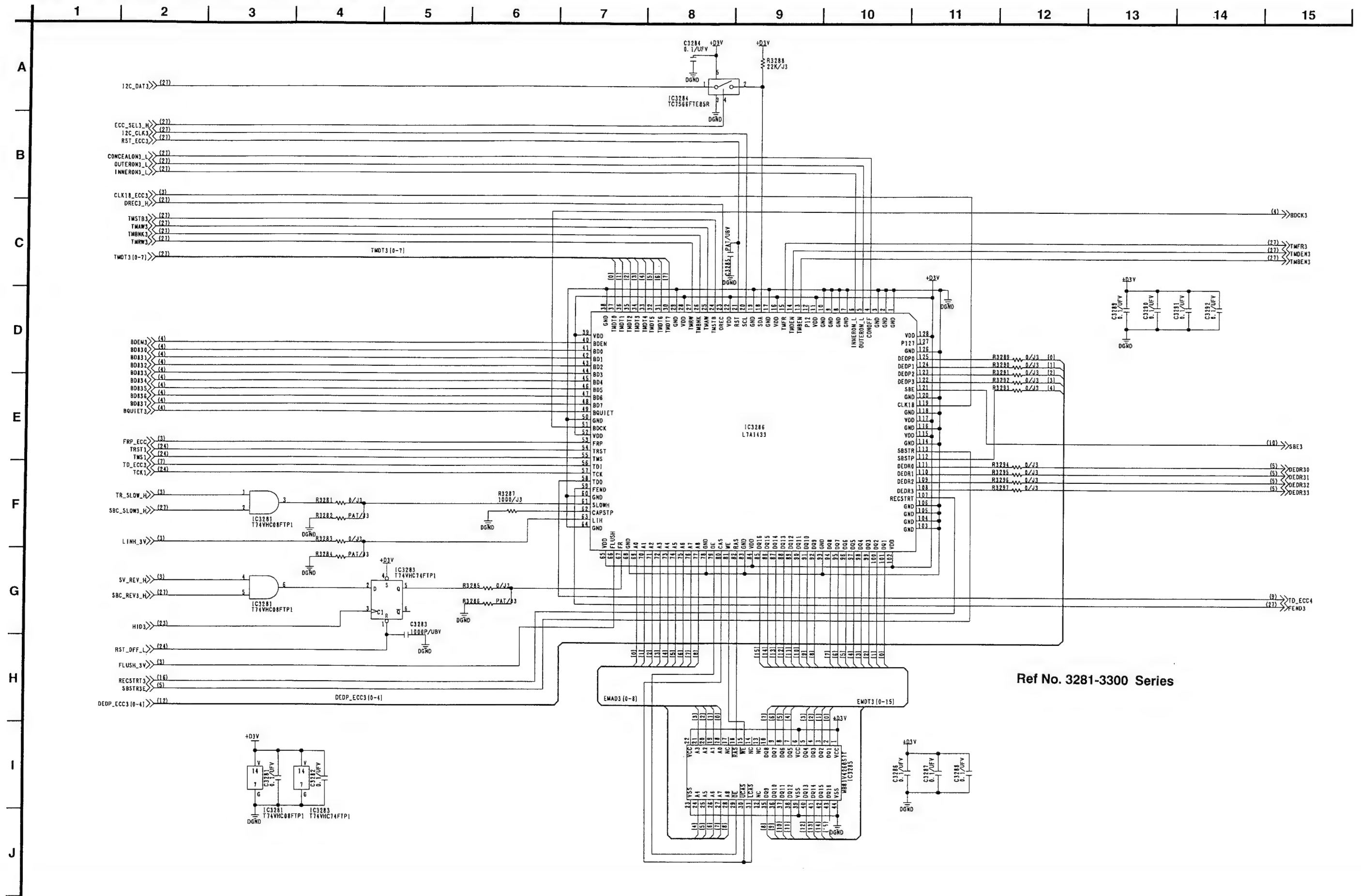
Ref No. 3221-3240 Series

# 4X MAIN (6/28) ECC 1 SCHEMATIC DIAGRAM





## 4X MAIN (8/28) ECC 3 SCHEMATIC DIAGRAM



# 4X MAIN (9/28) ECC 4 SCHEMATIC DIAGRAM

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

A

B

C

D

E

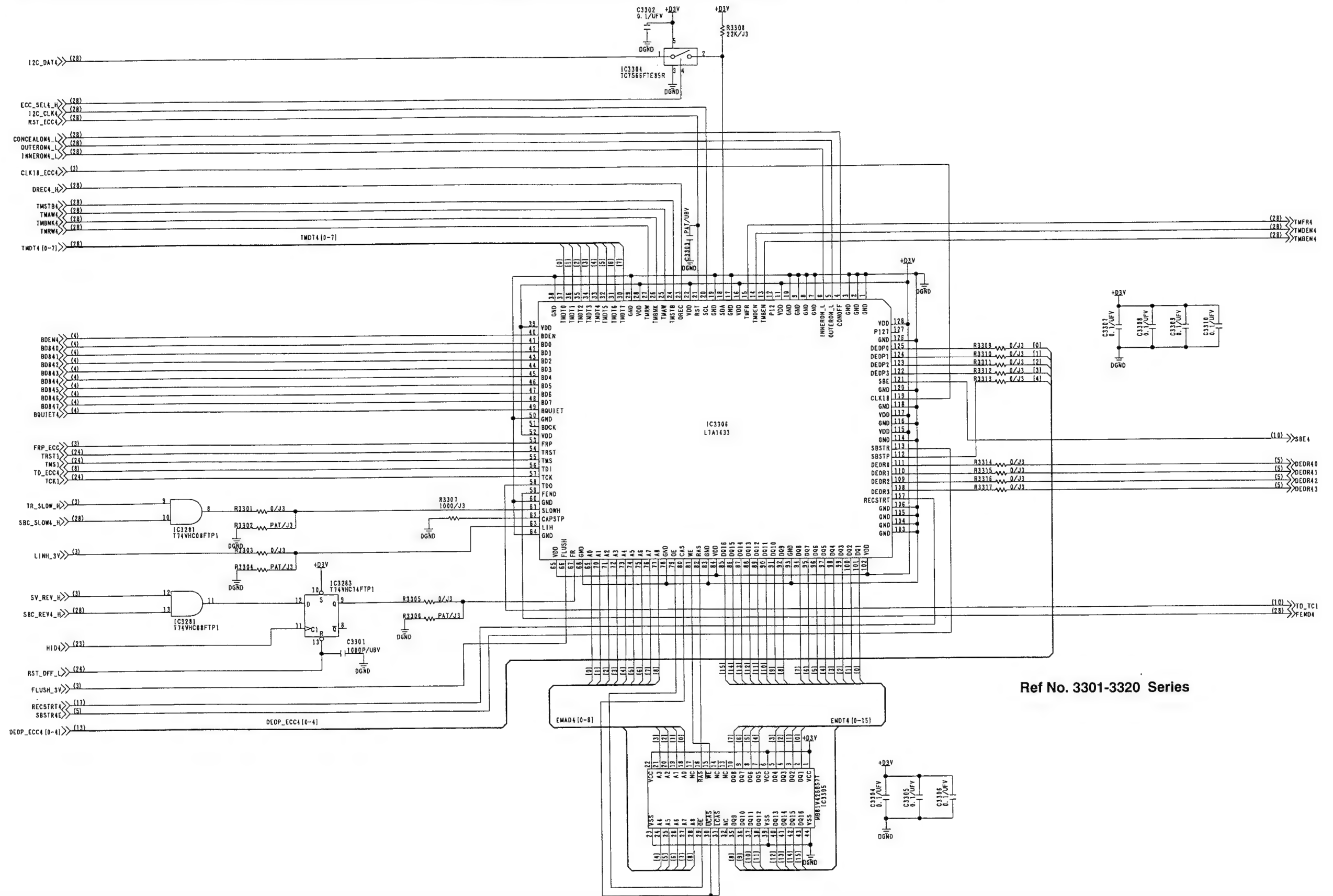
F

G

H

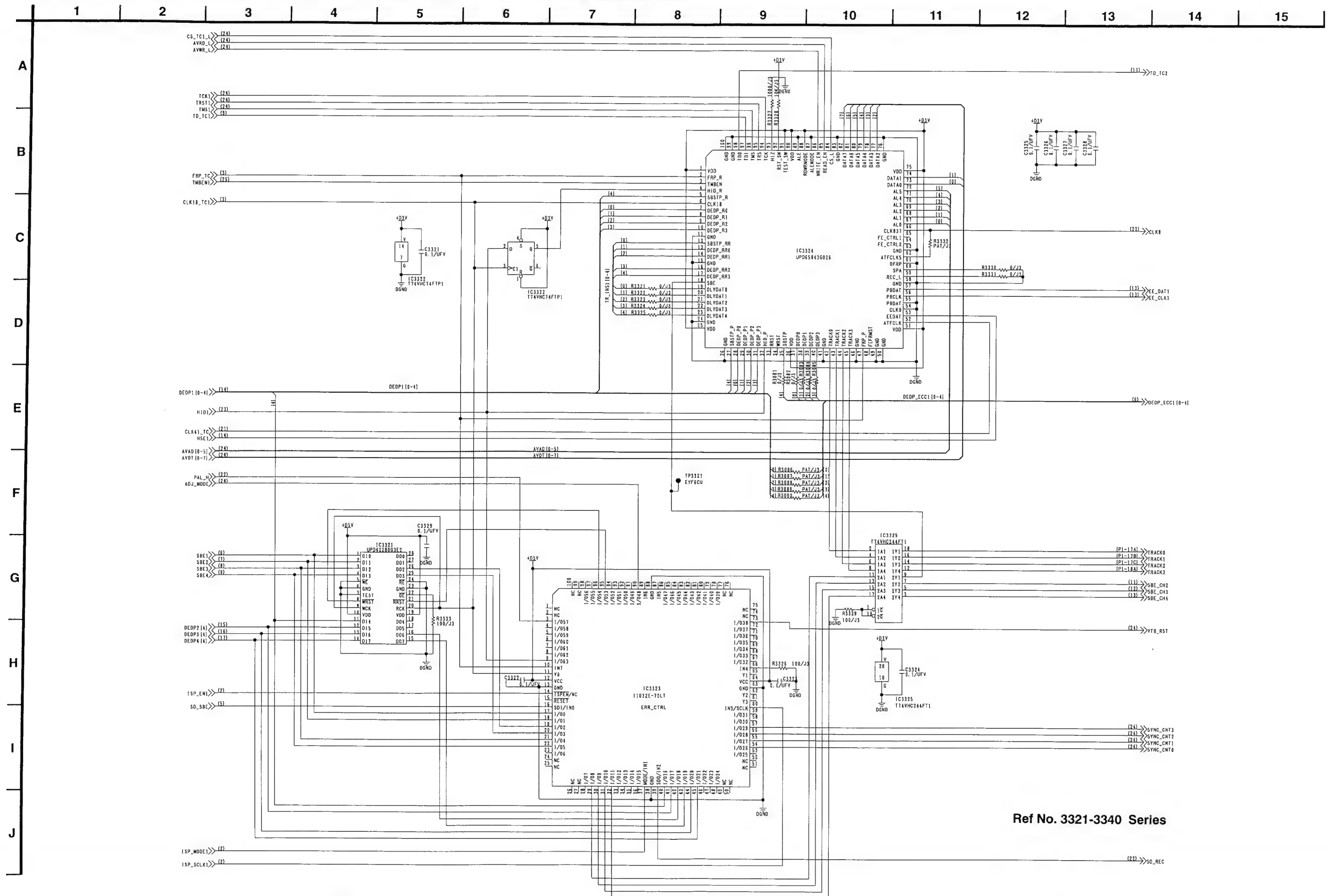
I

J



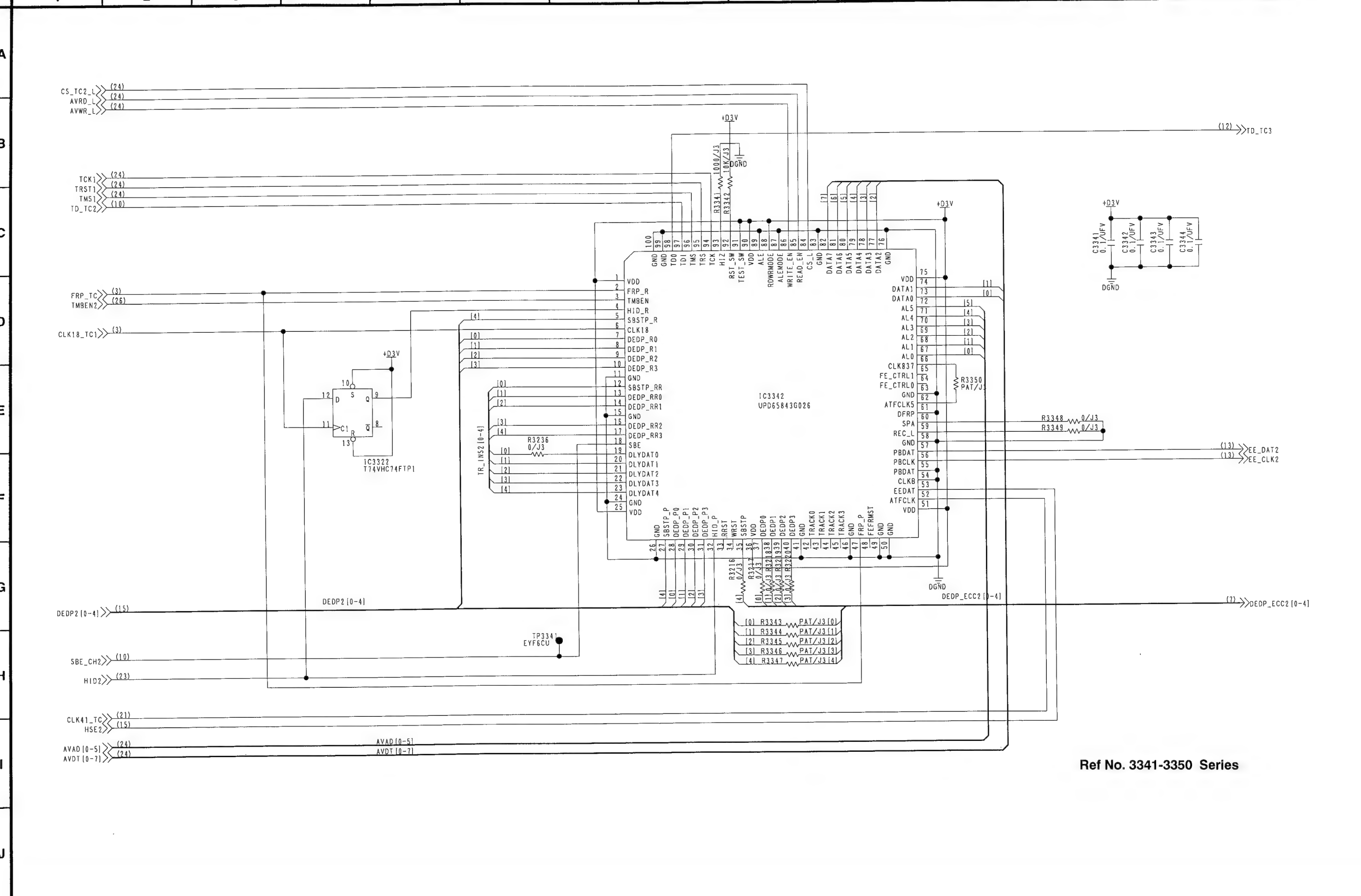
Ref No. 3301-3320 Series

## 4X MAIN (10/28) REC PB CONTROL 1 SCHEMATIC DIAGRAM



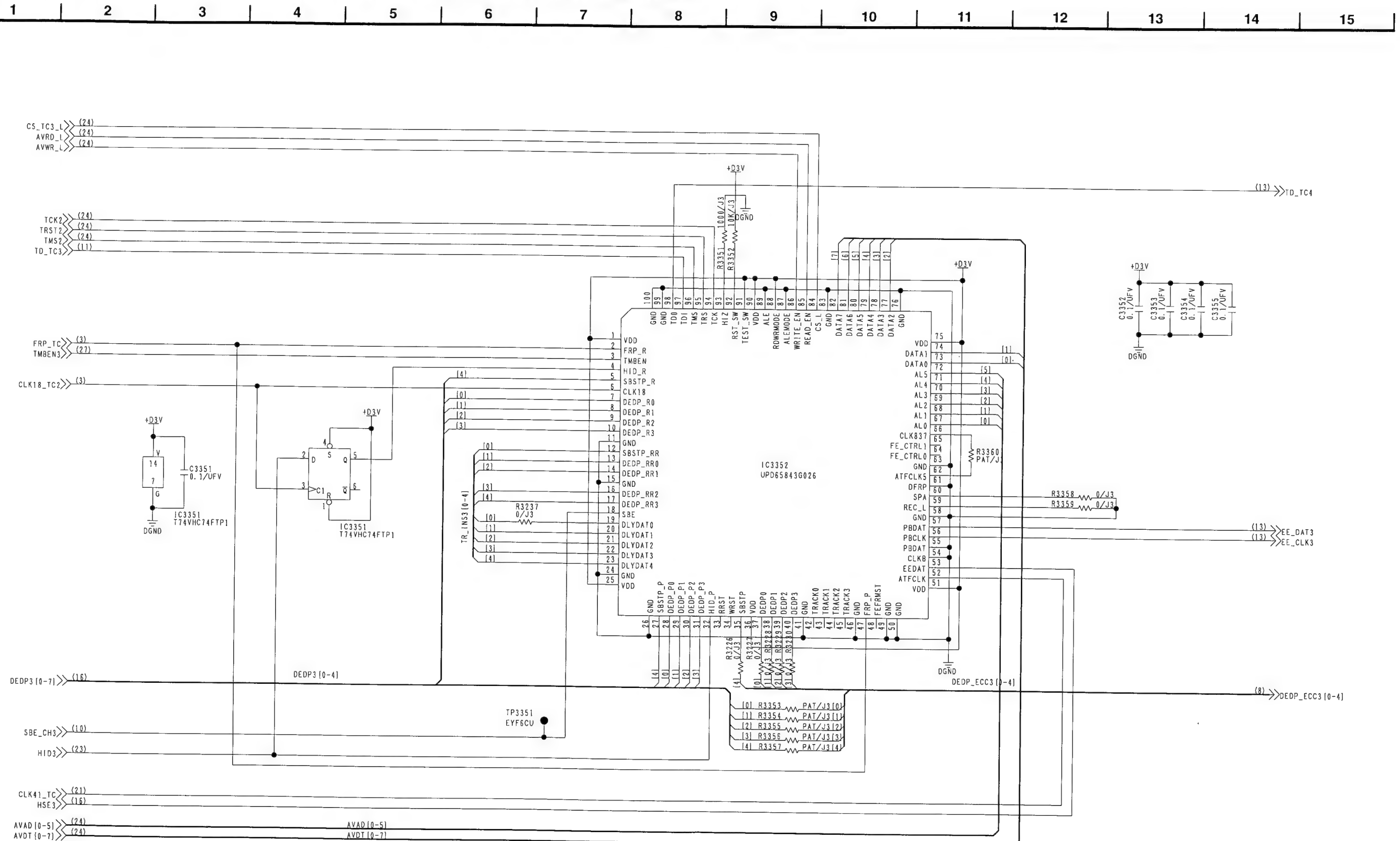


1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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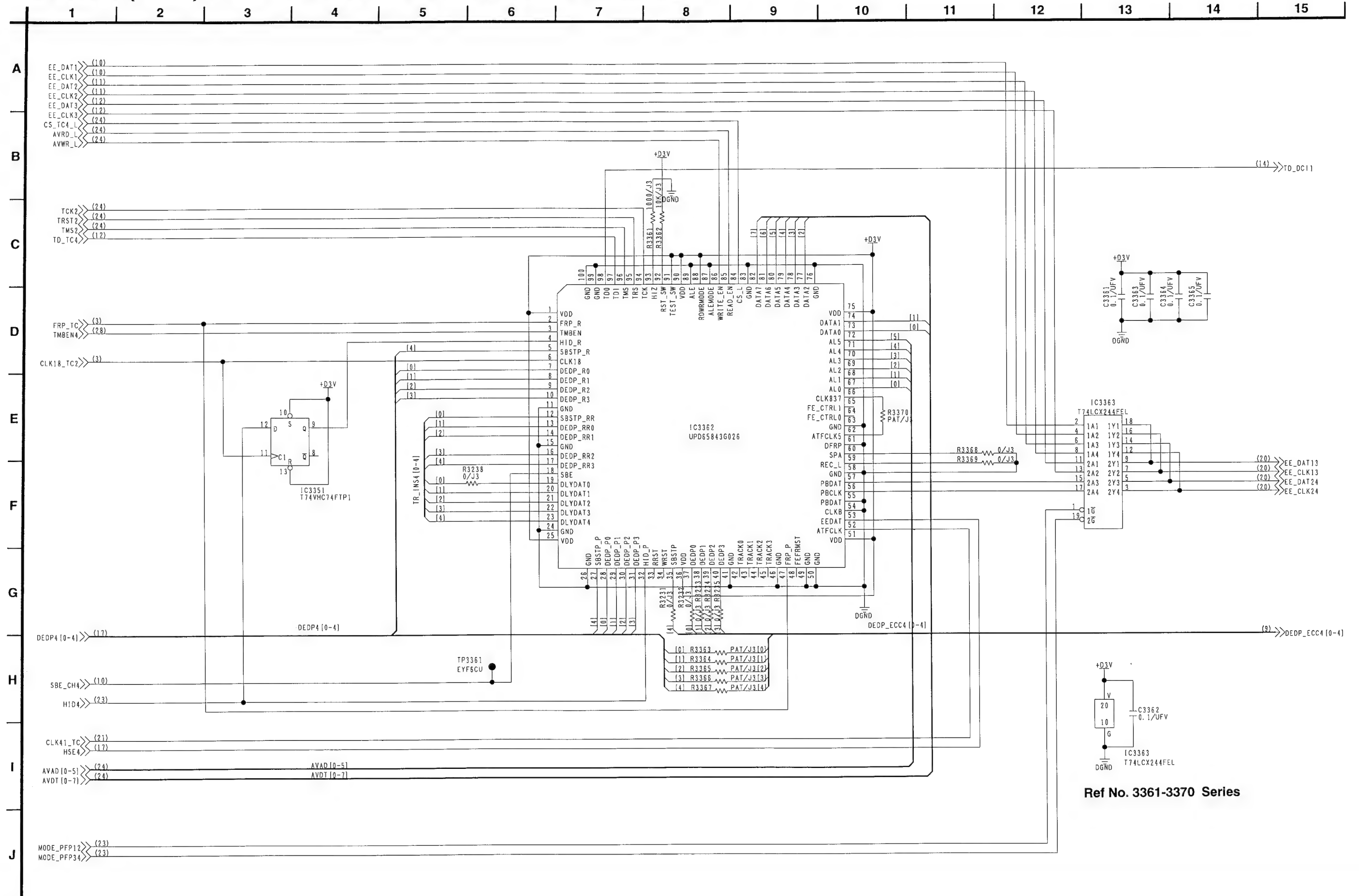
Ref No. 3341-3350 Series

# 4X MAIN (12/28) REC PB CONTROL 3 SCHEMATIC DIAGRAM



Ref No. 3351-3360 Series

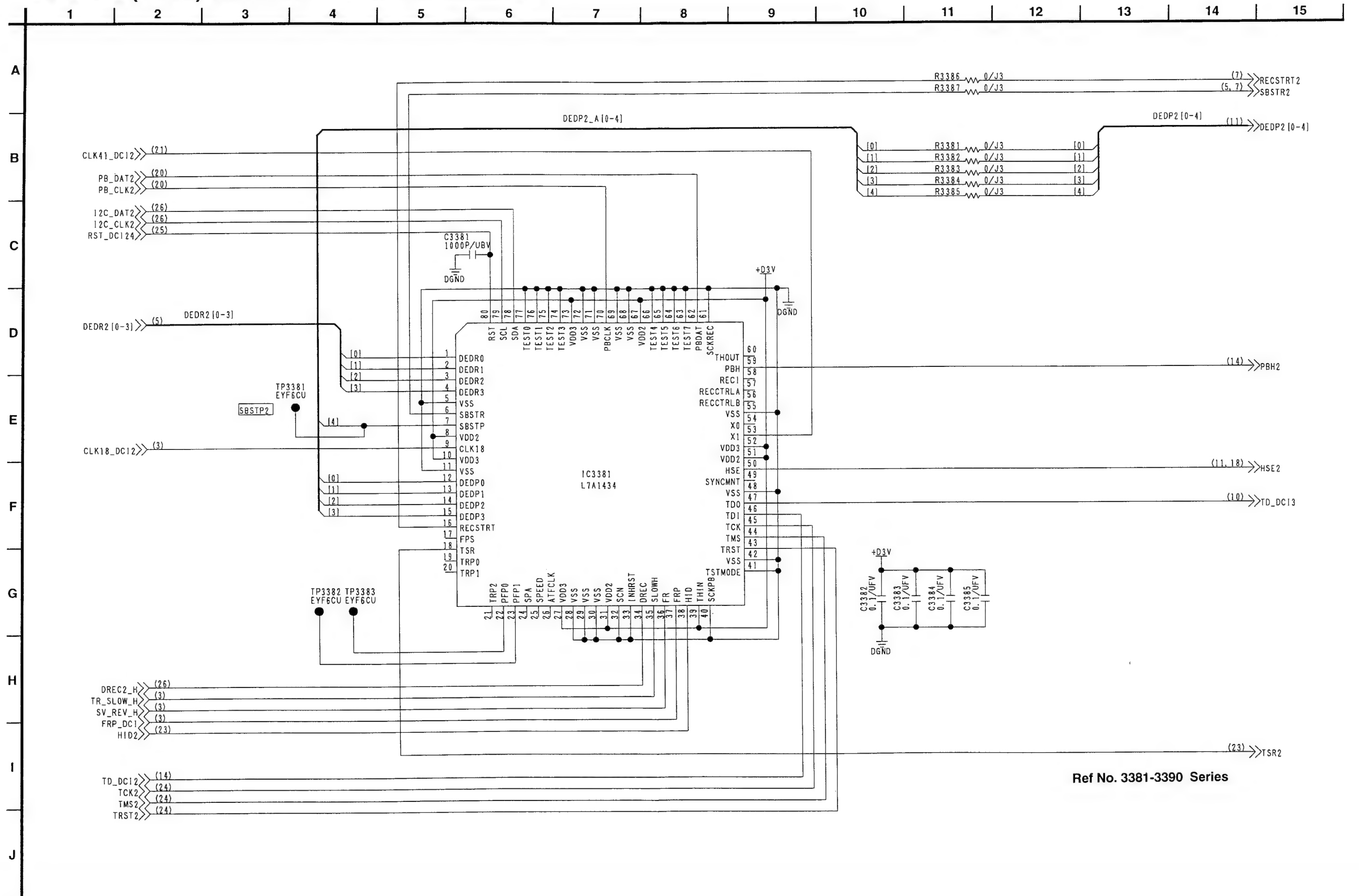
# 4X MAIN (13/28) REC PB CONTROL 4 SCHEMATIC DIAGRAM



Ref No. 3361-3370 Series



# 4X MAIN (15/28) DCI 2 SCHEMATIC DIAGRAM

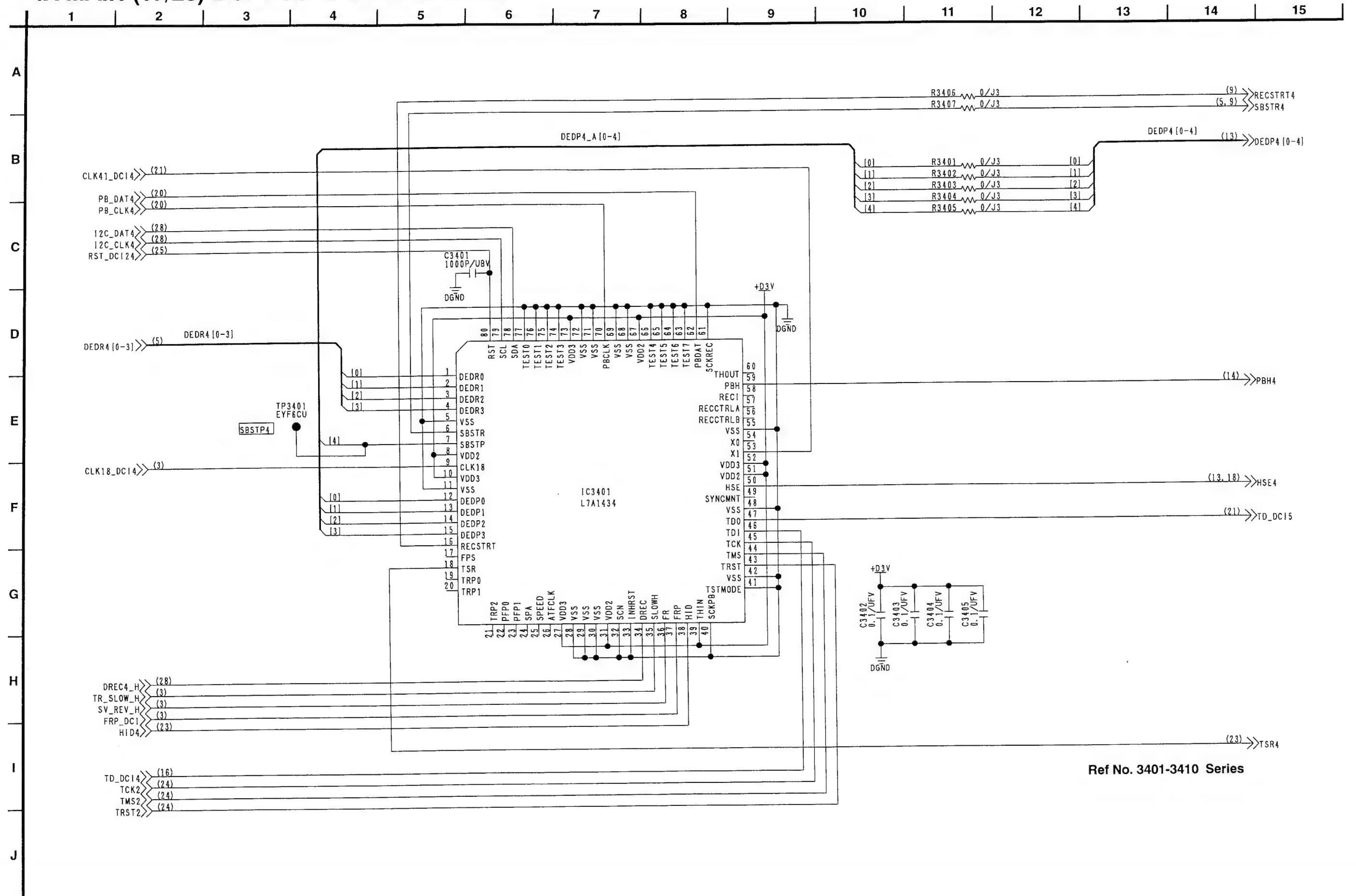


Ref No. 3381-3390 Series



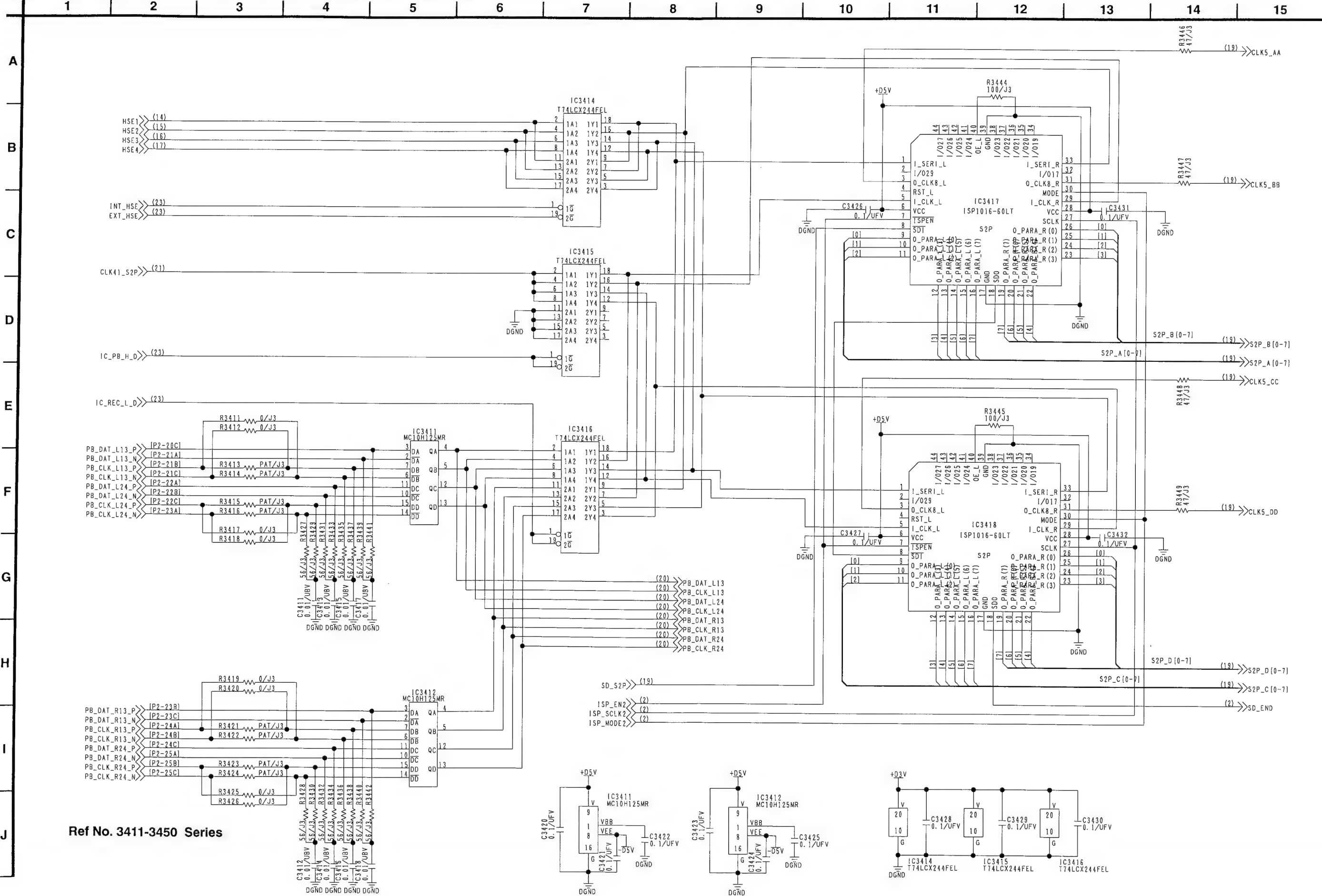


# 4X MAIN (17/28) DCI 4 SCHEMATIC DIAGRAM

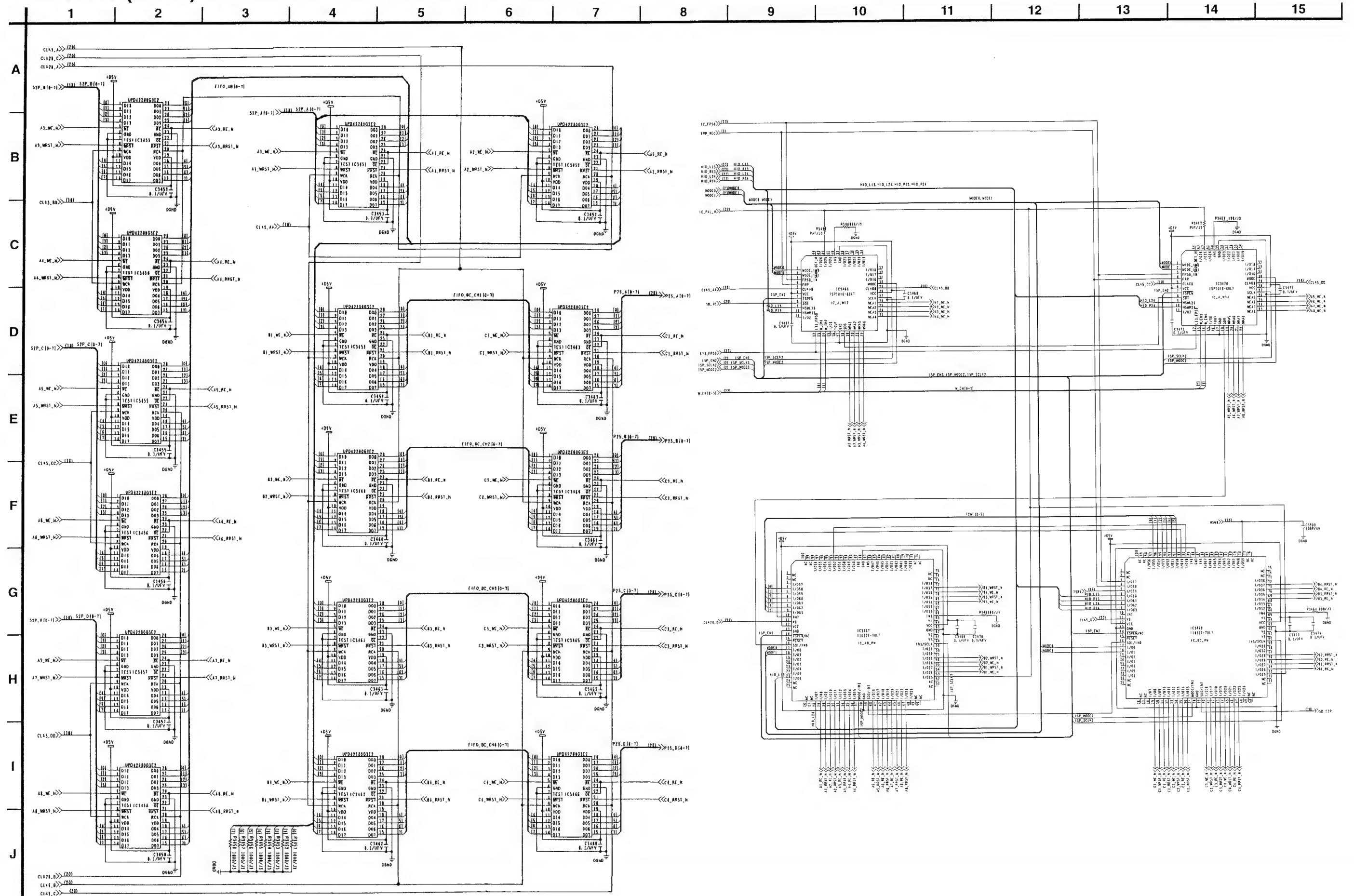


Ref No. 3401-3410 Series

4X MAIN (18/28) S2P SCHEMATIC DIAGRAM

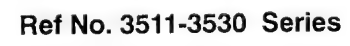


# 4X MAIN (19/28) 1 CHANGER SCHEMATIC DIAGRAM

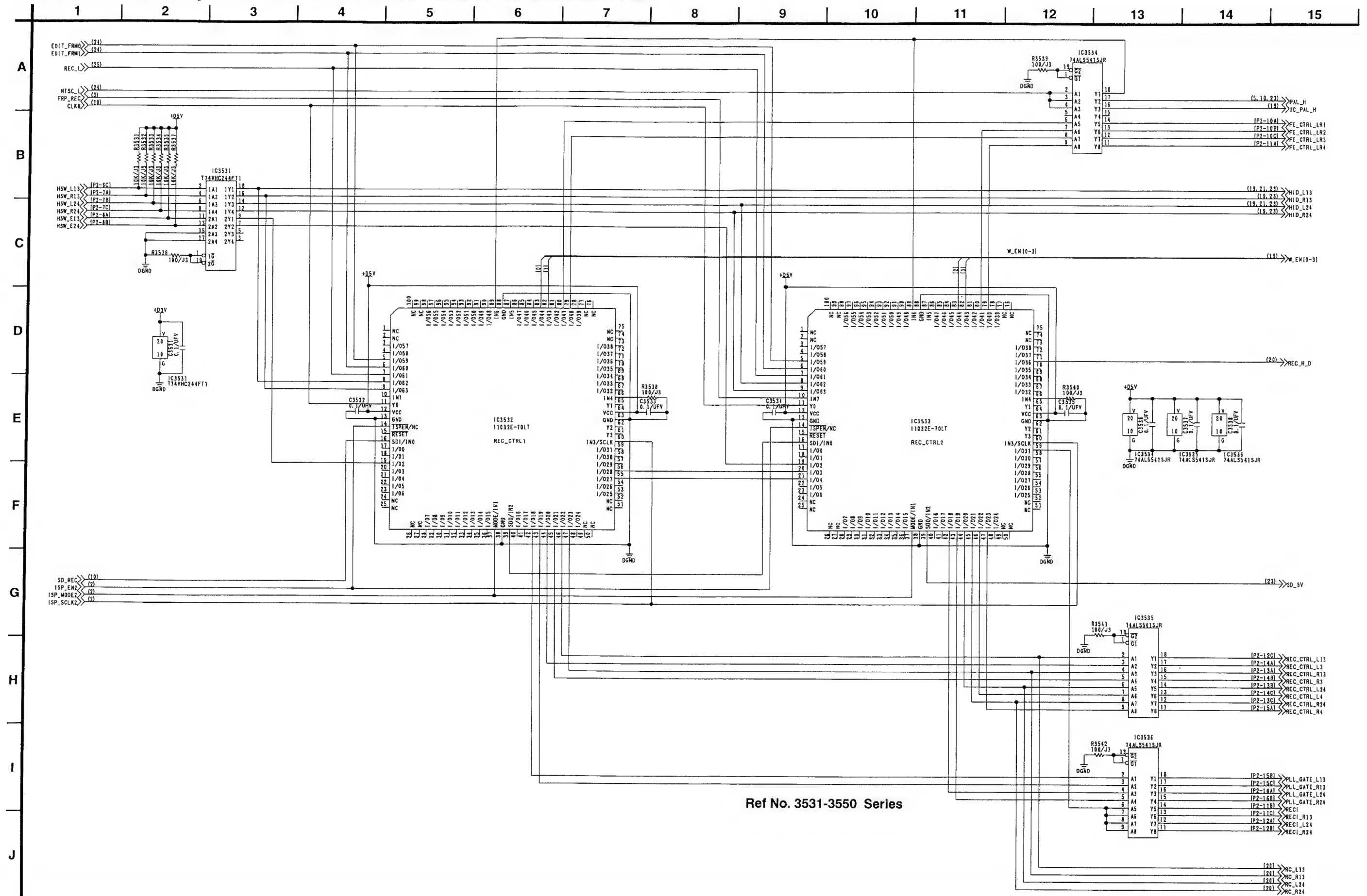




1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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# 4X MAIN (22/28) REC CONTROL SCHEMATIC DIAGRAM

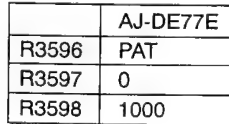




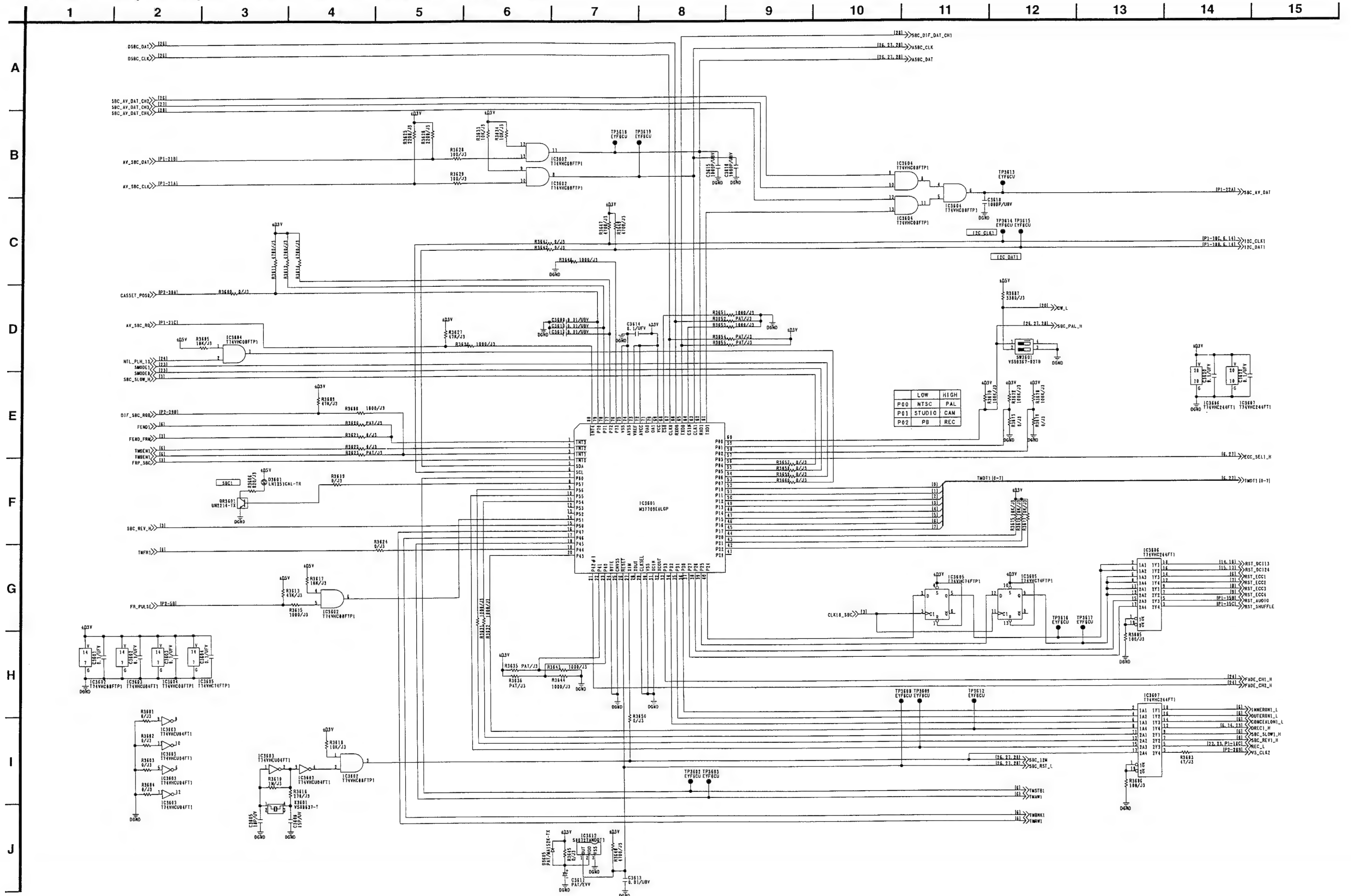
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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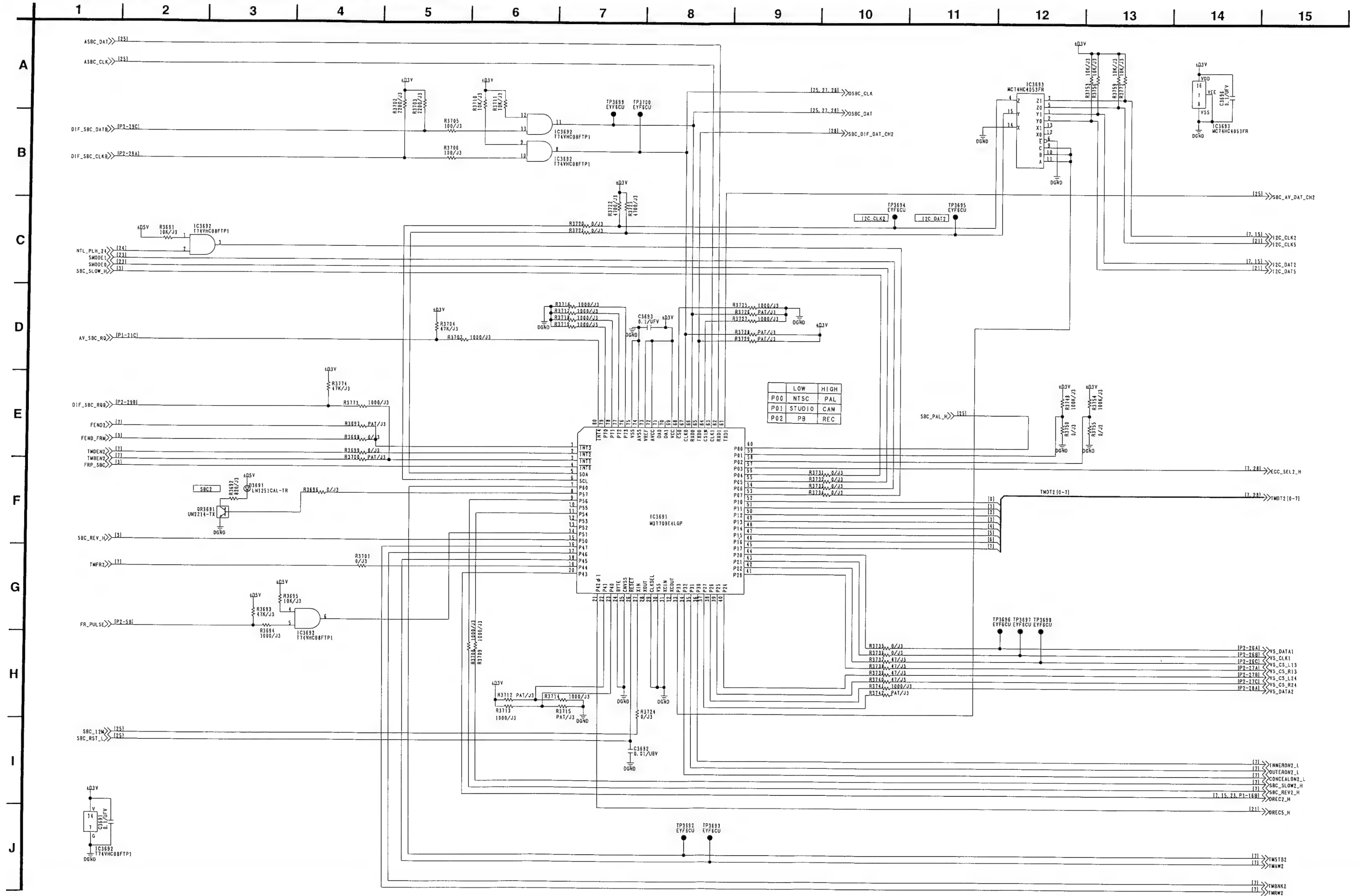
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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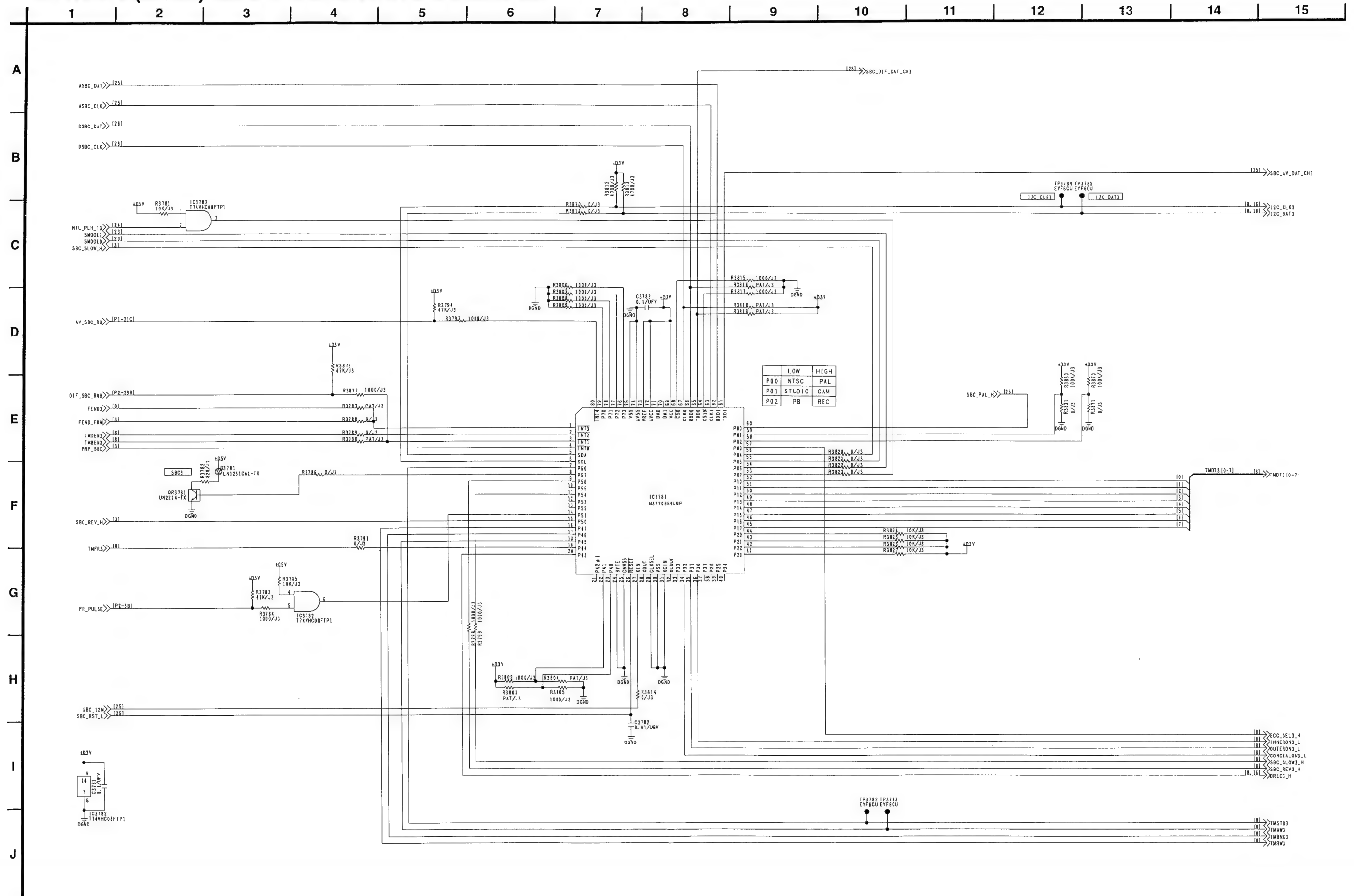
## 4X MAIN (25/28) SBC 1 SCHEMATIC DIAGRAM



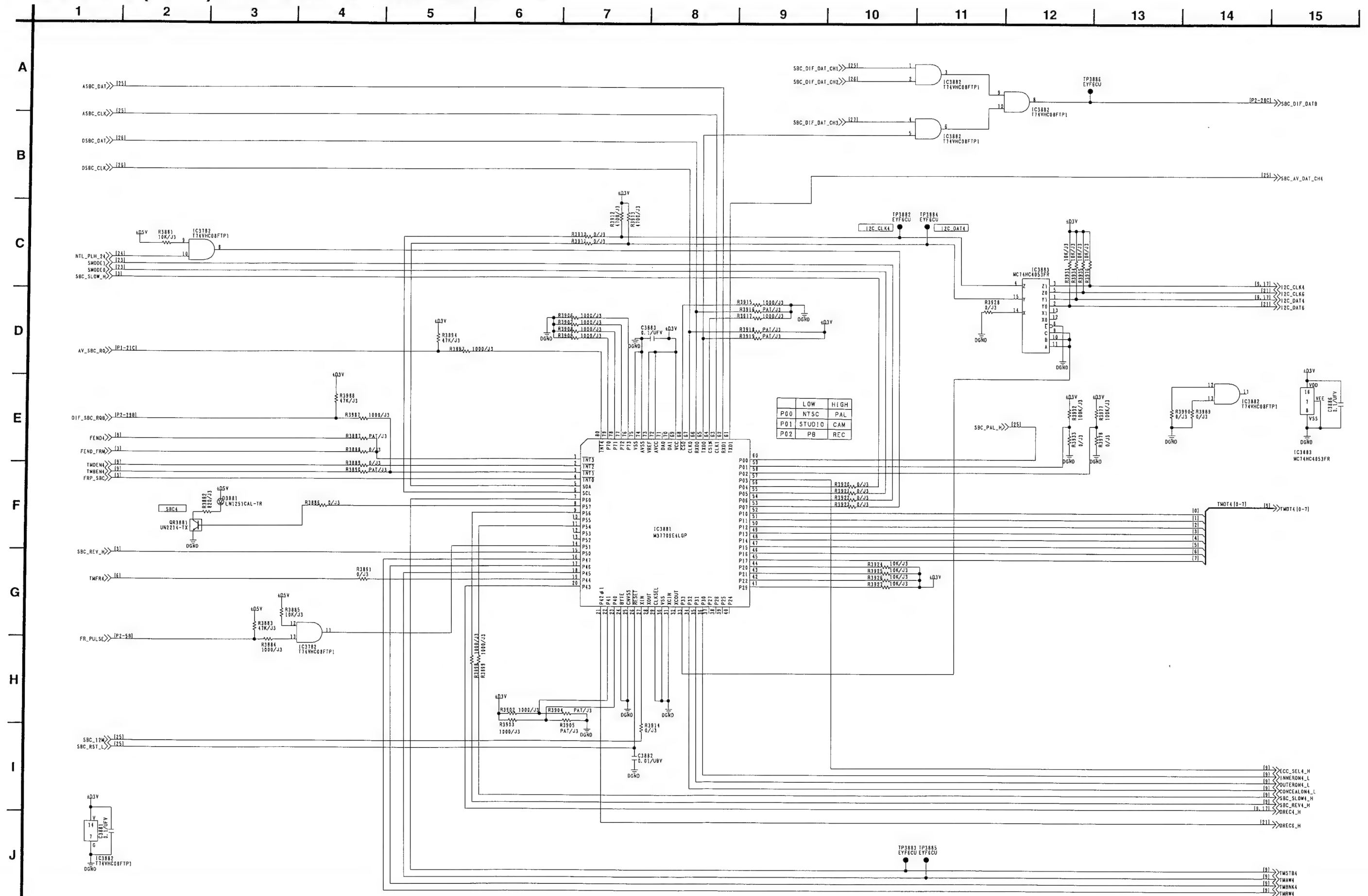
# 4X MAIN (26/28) SBC 2 SCHEMATIC DIAGRAM



### 4X MAIN (27/28) SBC 3 SCHEMATIC DIAGRAM

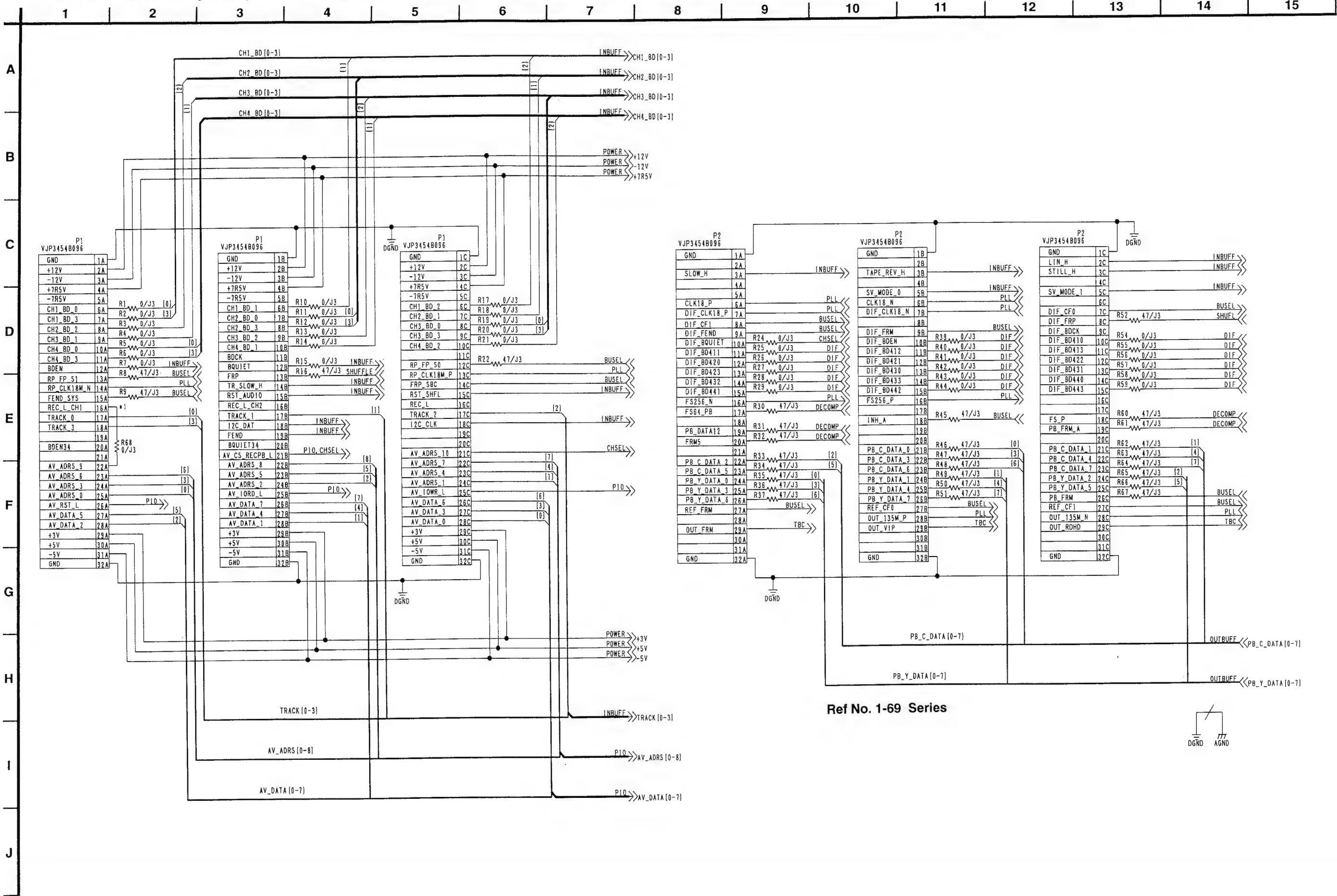


# 4X MAIN (28/28) SBC 4 SCHEMATIC DIAGRAM

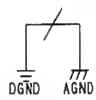




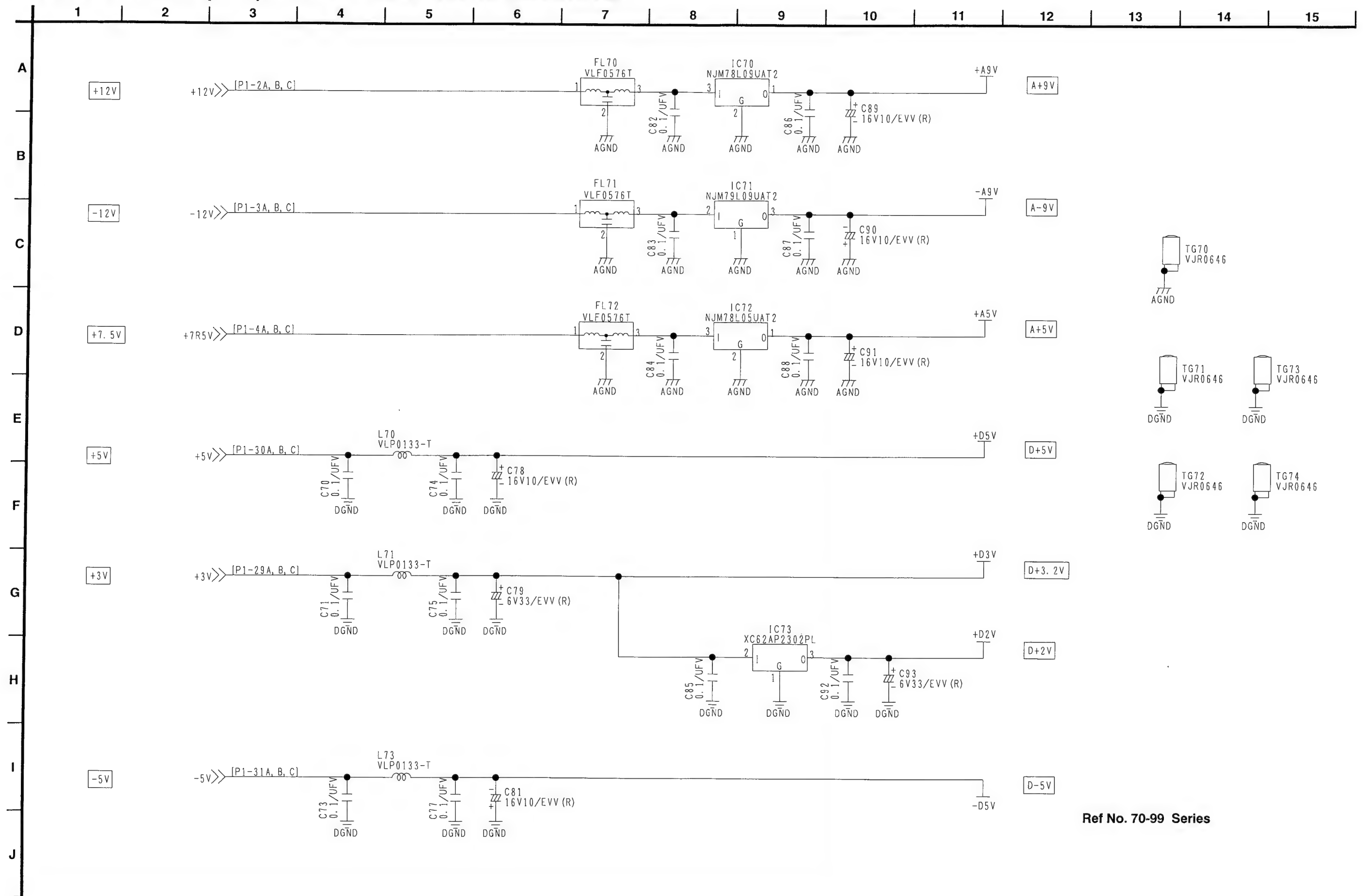
4X INTERFACE (1/17) CONNECTER SCHEMATIC DIAGRAM



Ref No. 1-69 Series

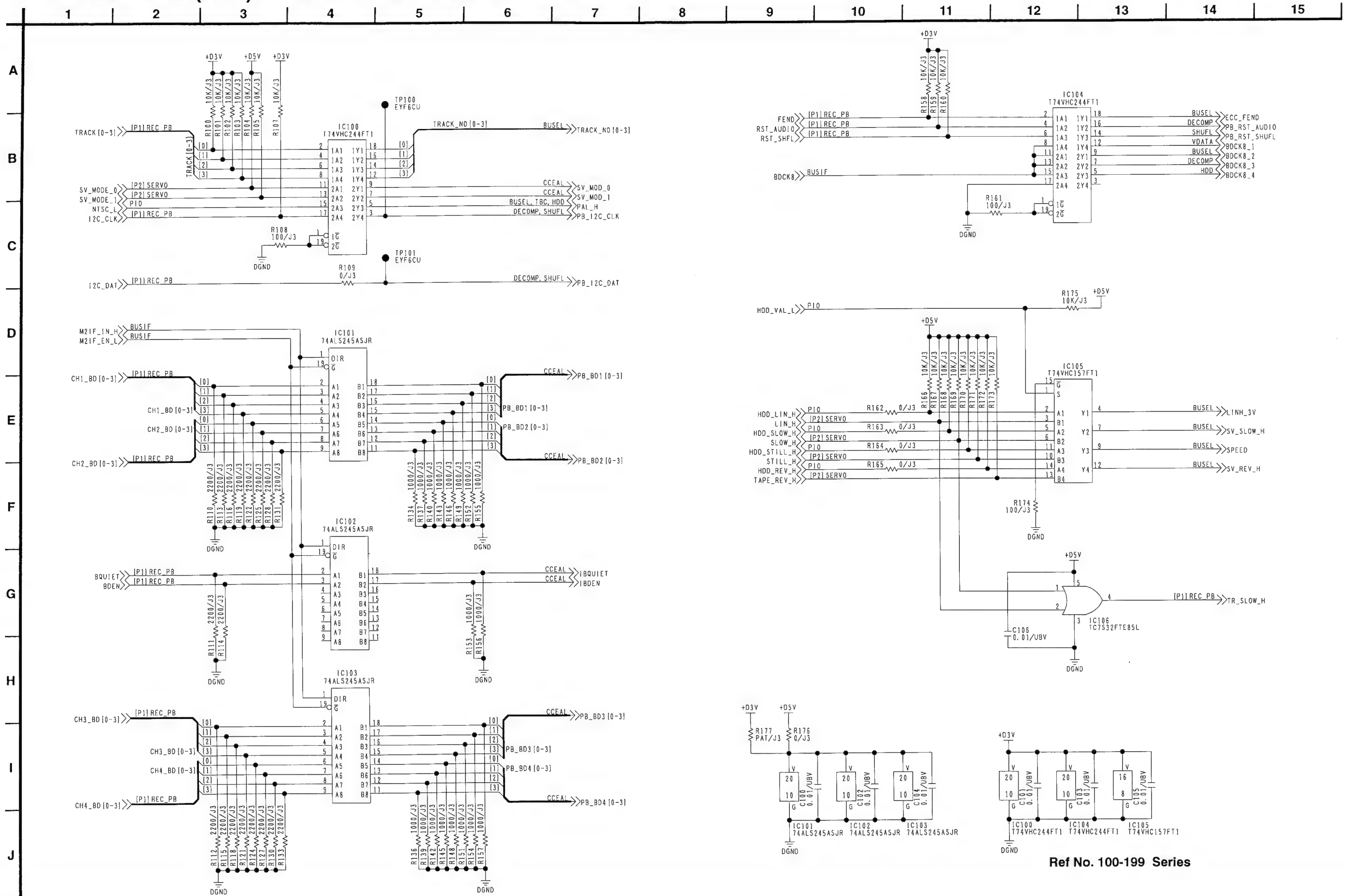


# 4X INTERFACE (2/17) POWER SCHEMATIC DIAGRAM



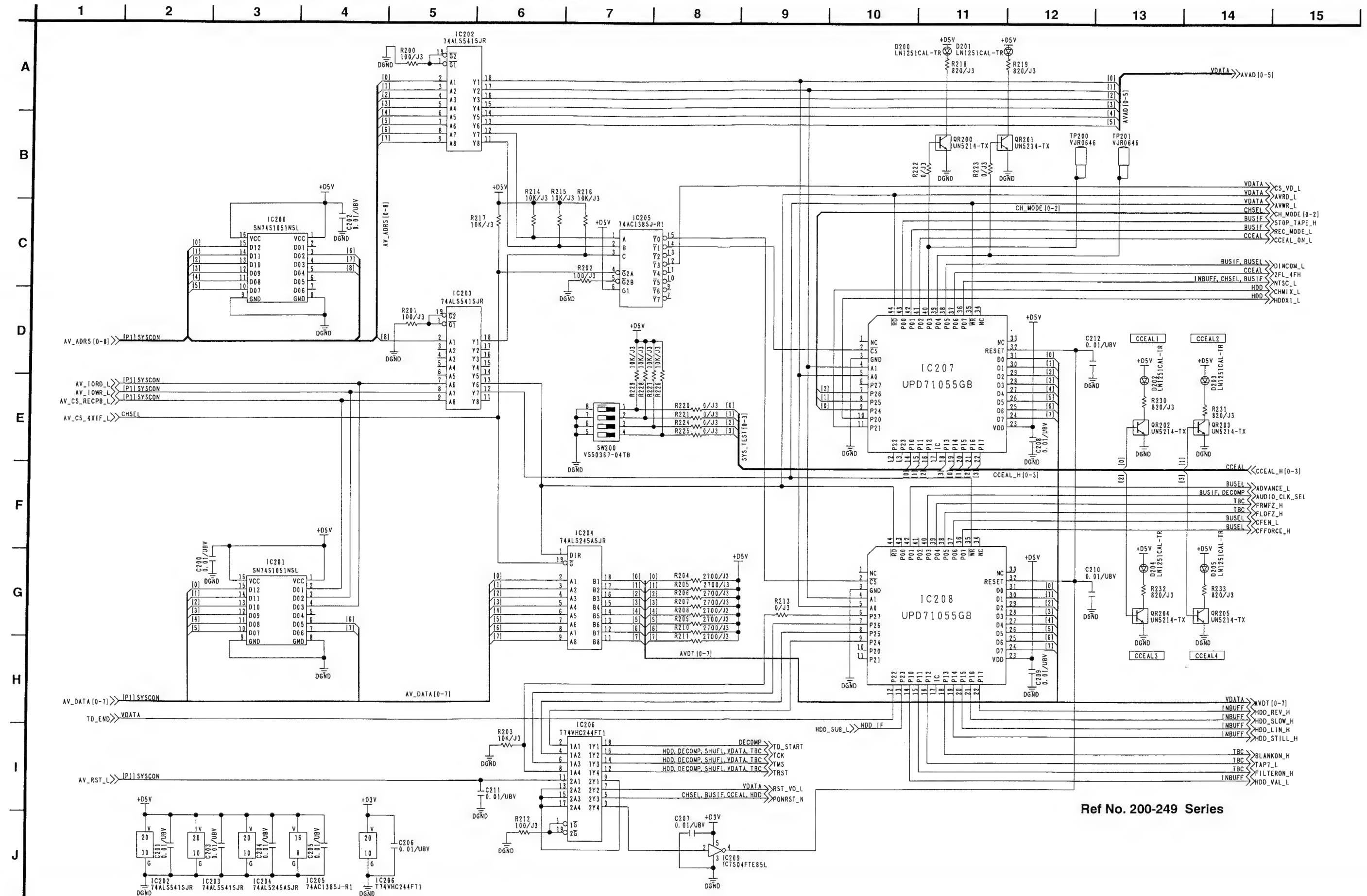
Ref No. 70-99 Series

# 4X INTERFACE (3/17) INPUT BUFFER SCHEMATIC DIAGRAM



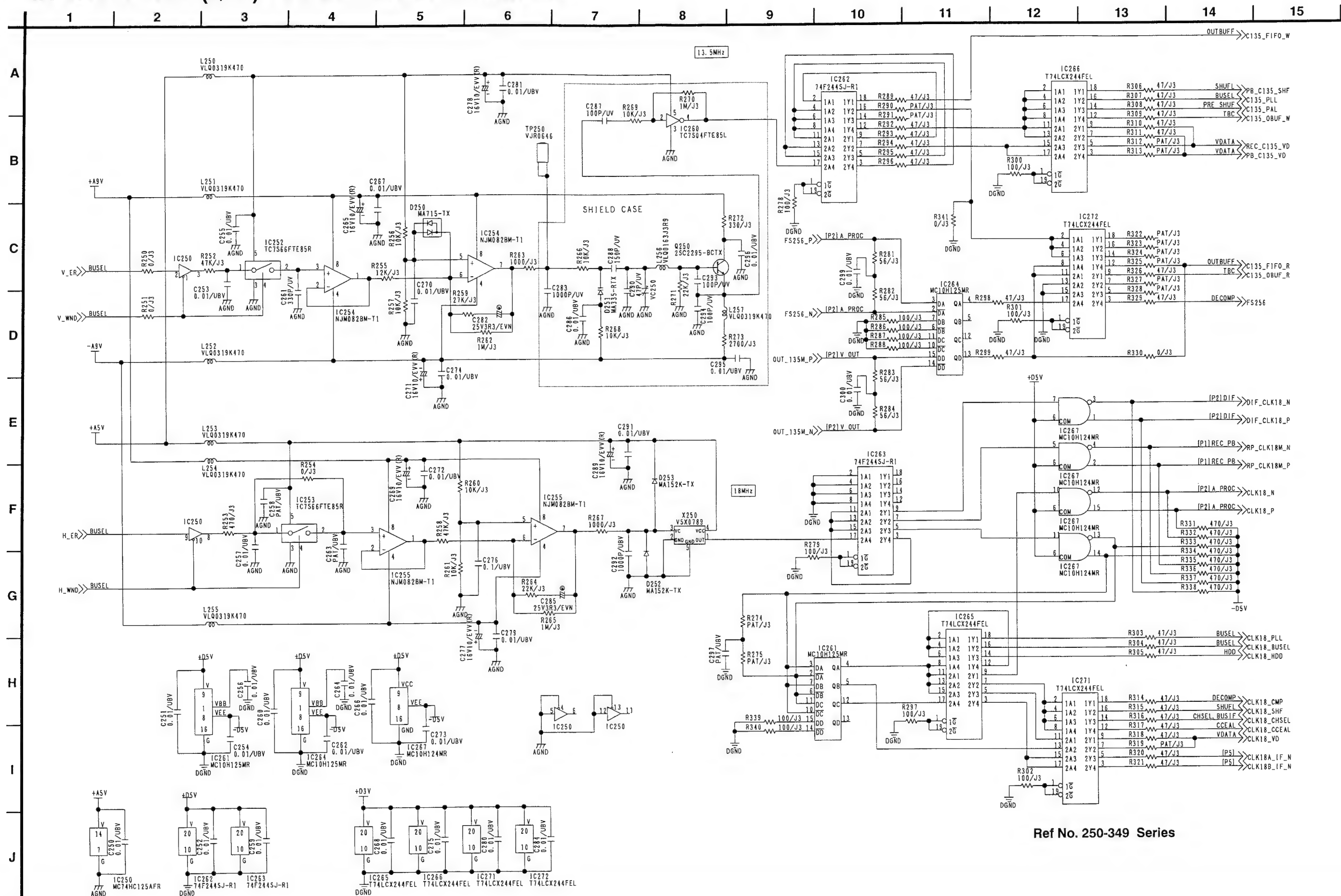
Ref No. 100-199 Series

## 4X INTERFACE (4/17) PIO SCHEMATIC DIAGRAM

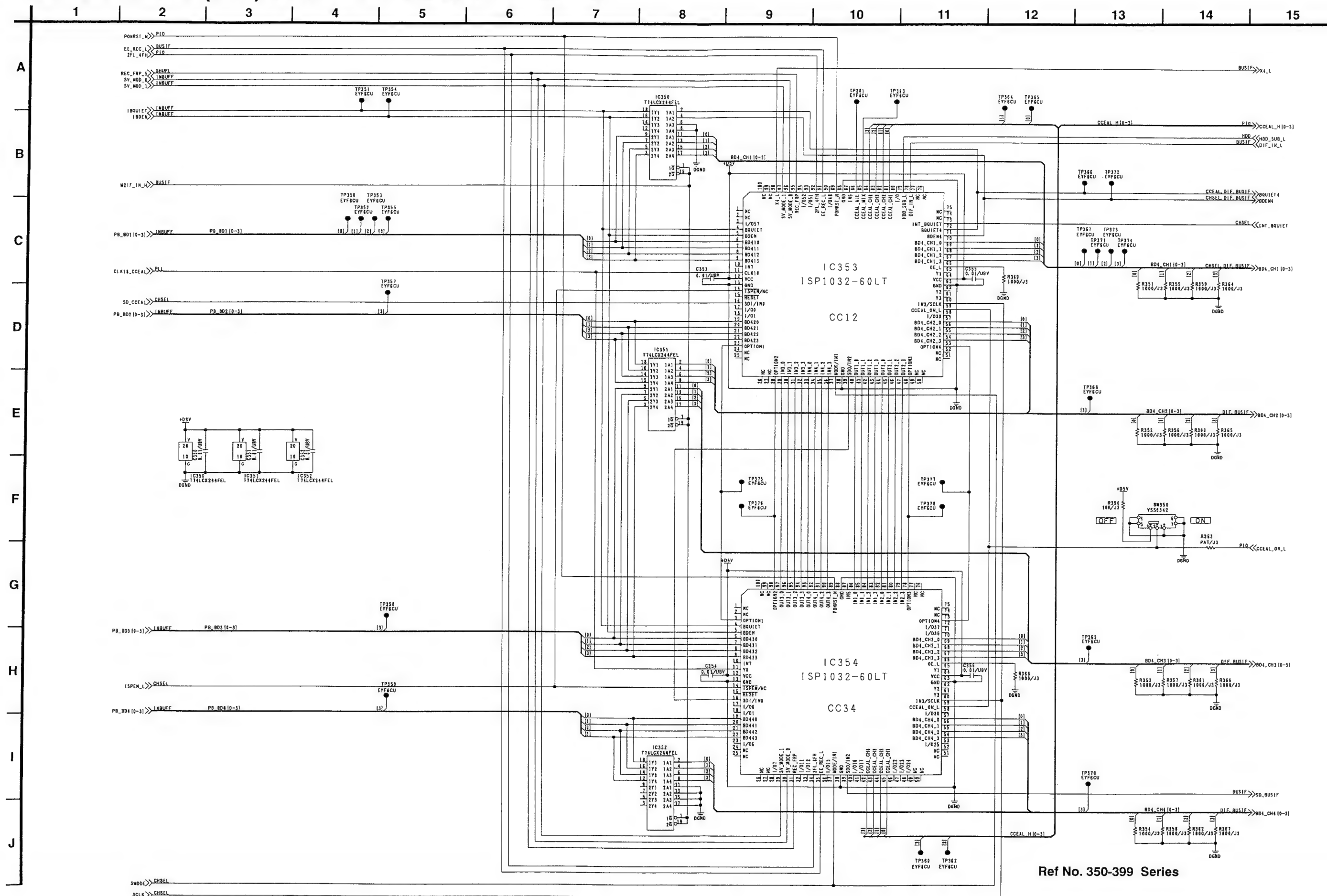


Ref No. 200-249 Series

## 4X INTERFACE (5/17) PLL SCHEMATIC DIAGRAM

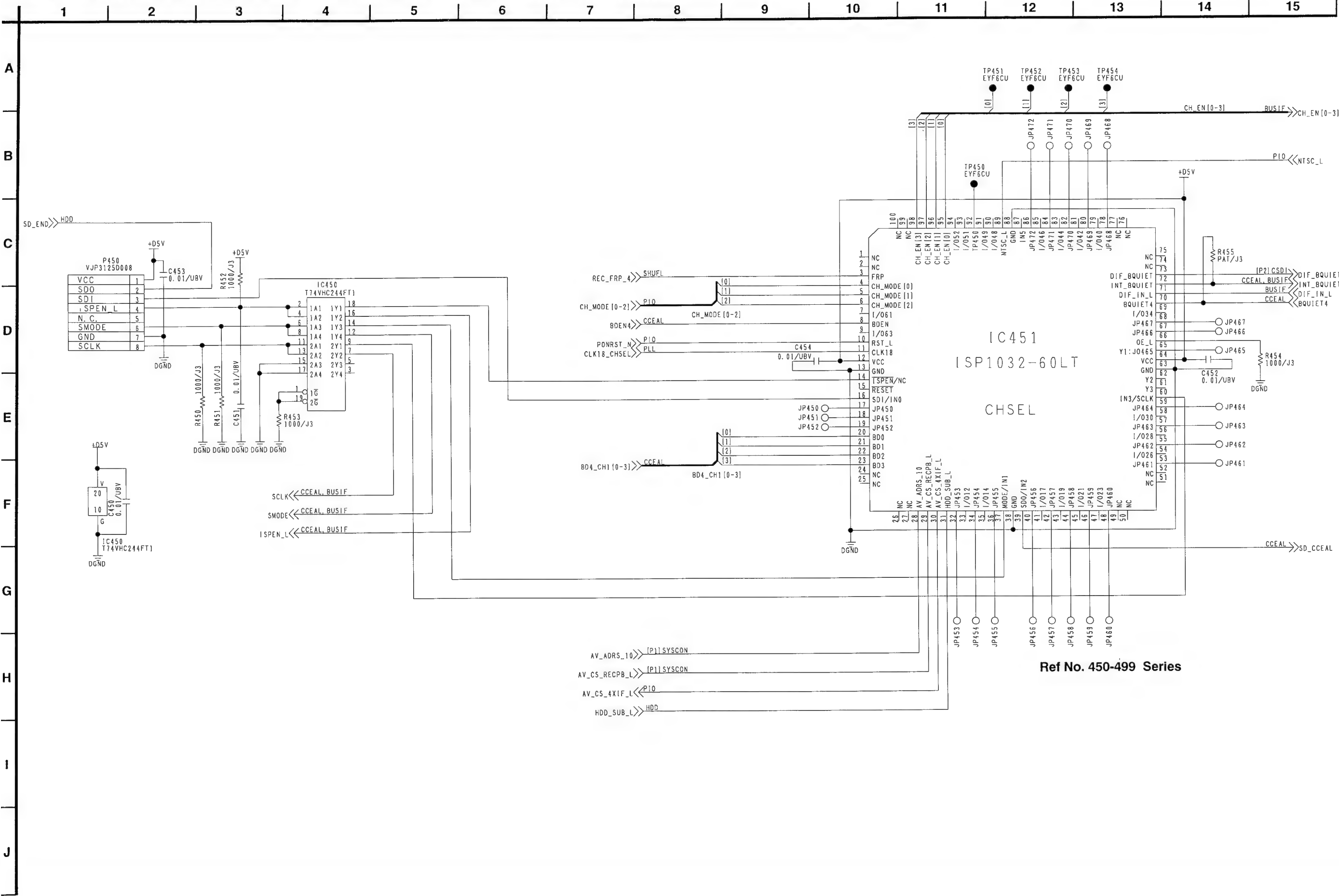


# 4X INTERFACE (6/17) CCEAL SCHEMATIC DIAGRAM





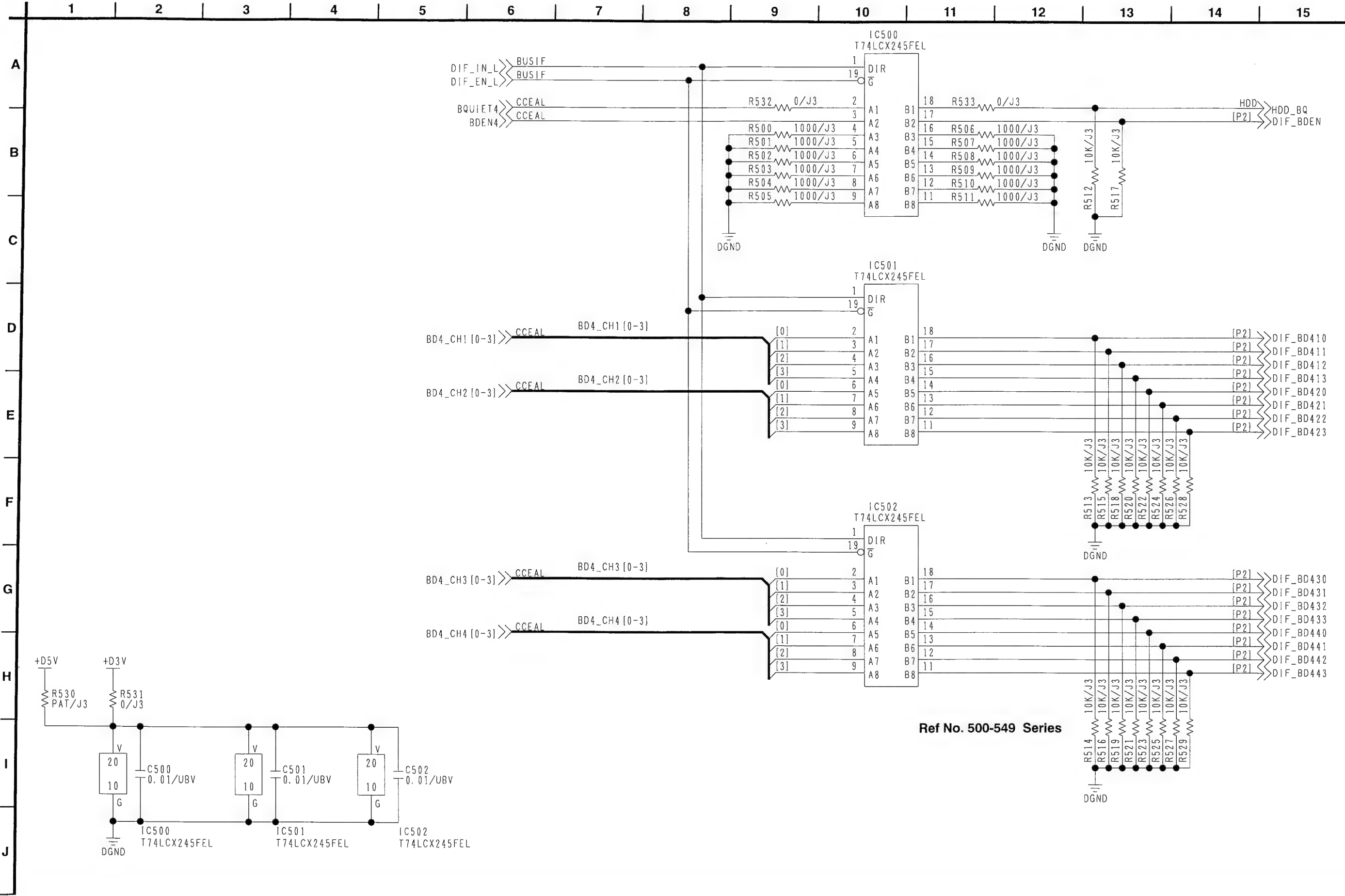
4X INTERFACE (7/17) CH SELECTOR SCHEMATIC DIAGRAM



Ref No. 450-499 Series

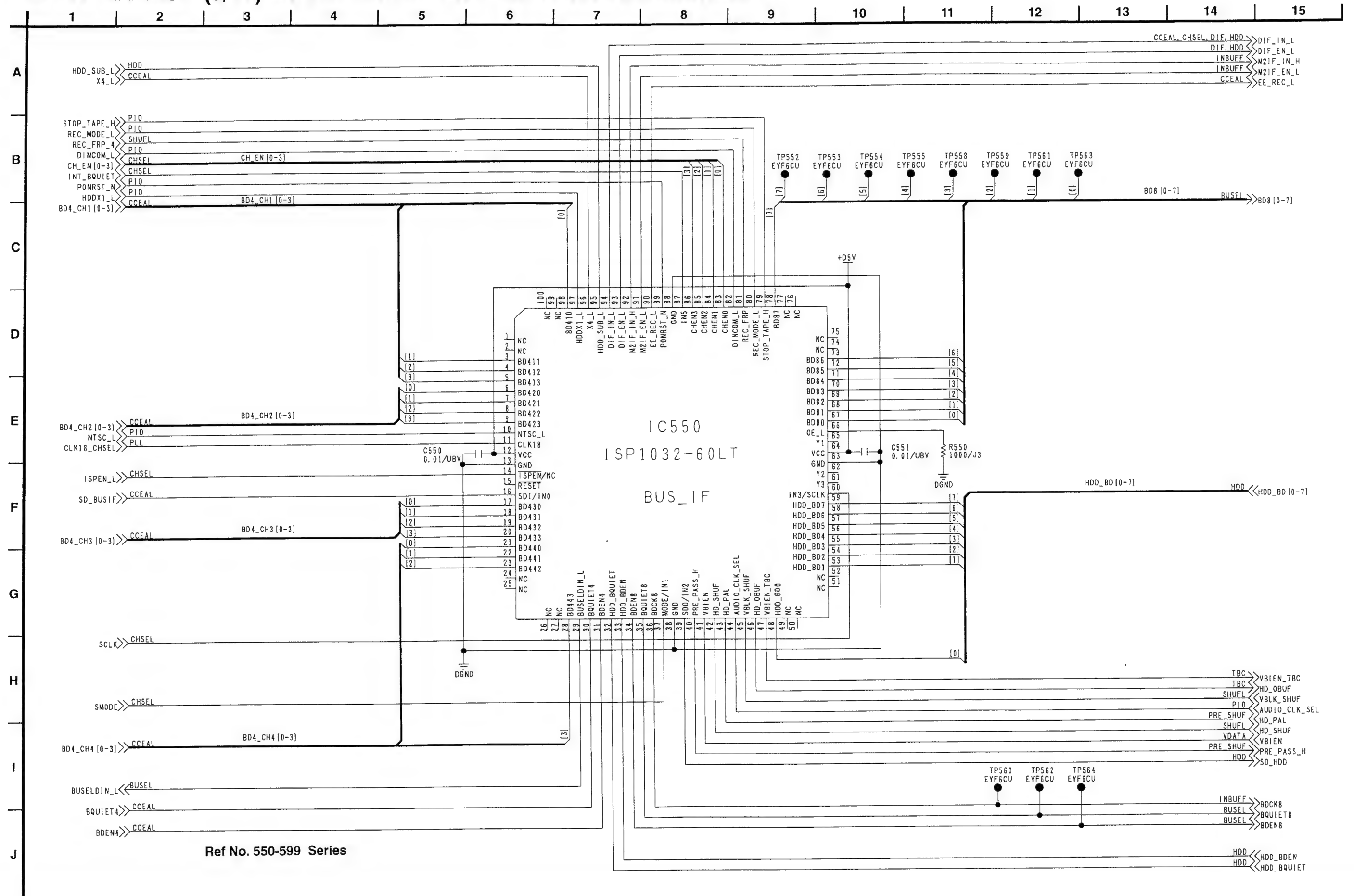


4X INTERFACE (8/17) DIF SCHEMATIC DIAGRAM

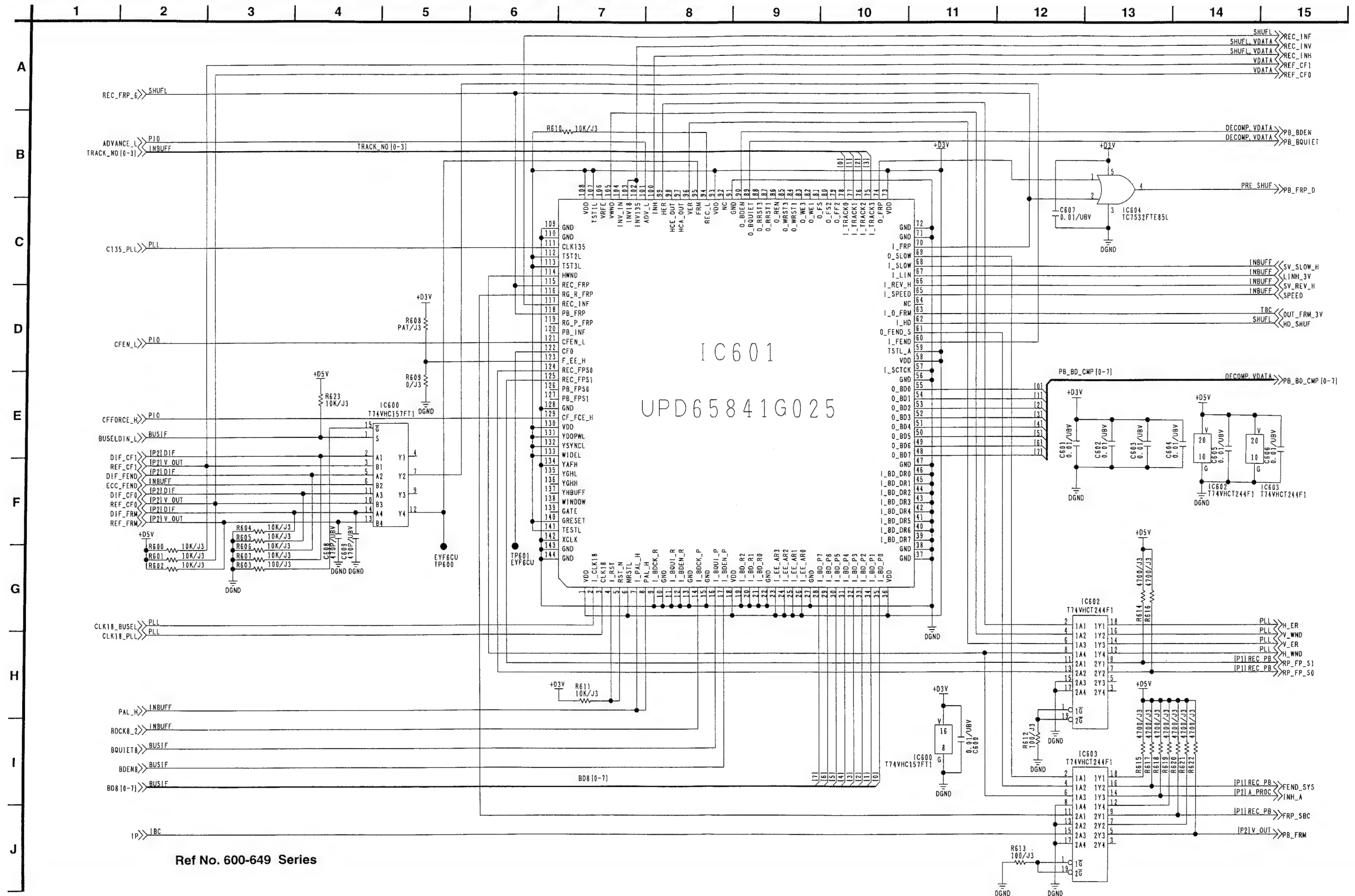


Ref No. 500-549 Series

# 4X INTERFACE (9/17) AV BUS INTERFACE SCHEMATIC DIAGRAM



# 4X INTERFACE (10/17) BUS SELECTOR SCHEMATIC DIAGRAM



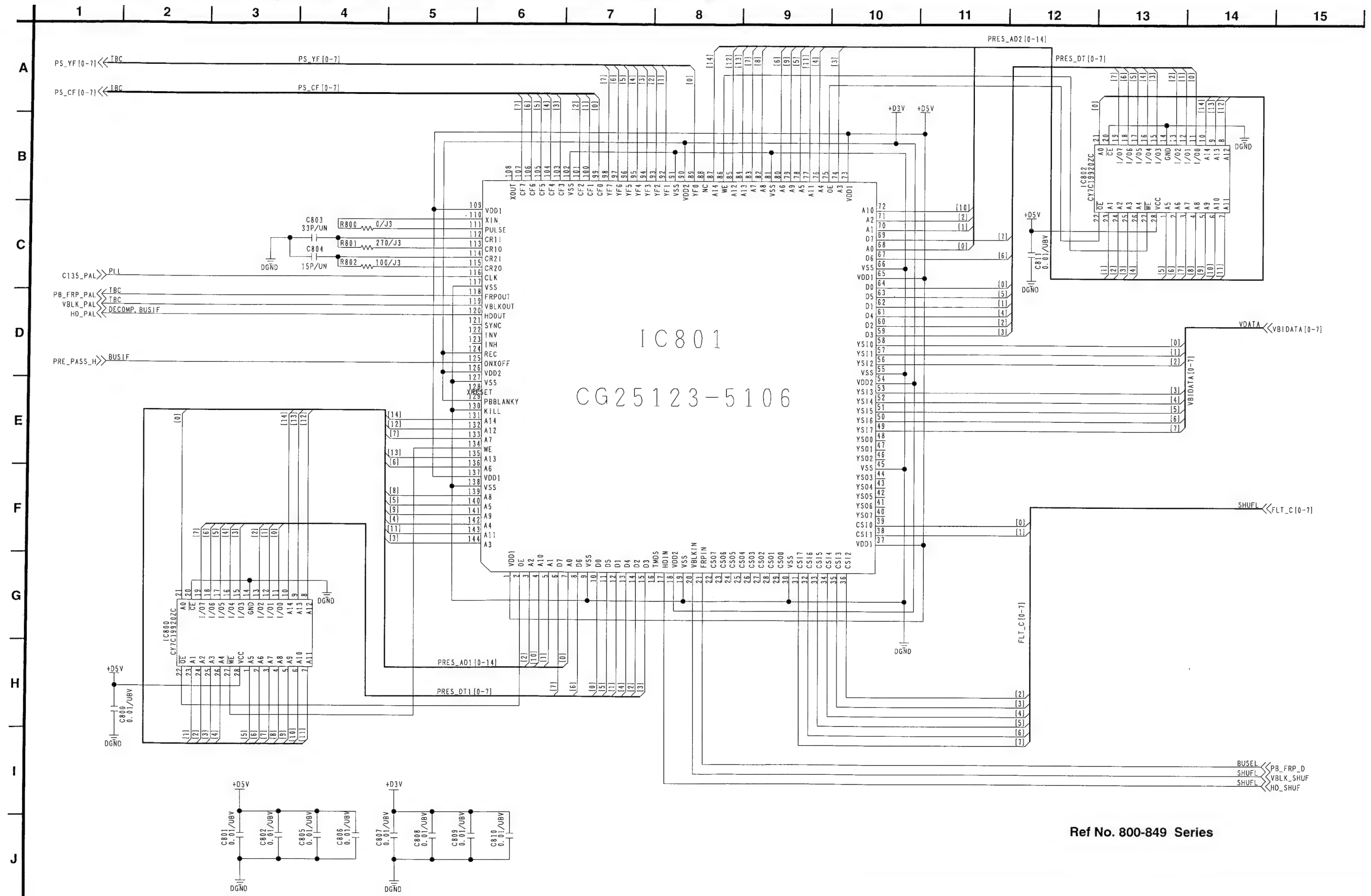
Ref No. 600-649 Series

## Ref No. 650-699 Series

[illegible]

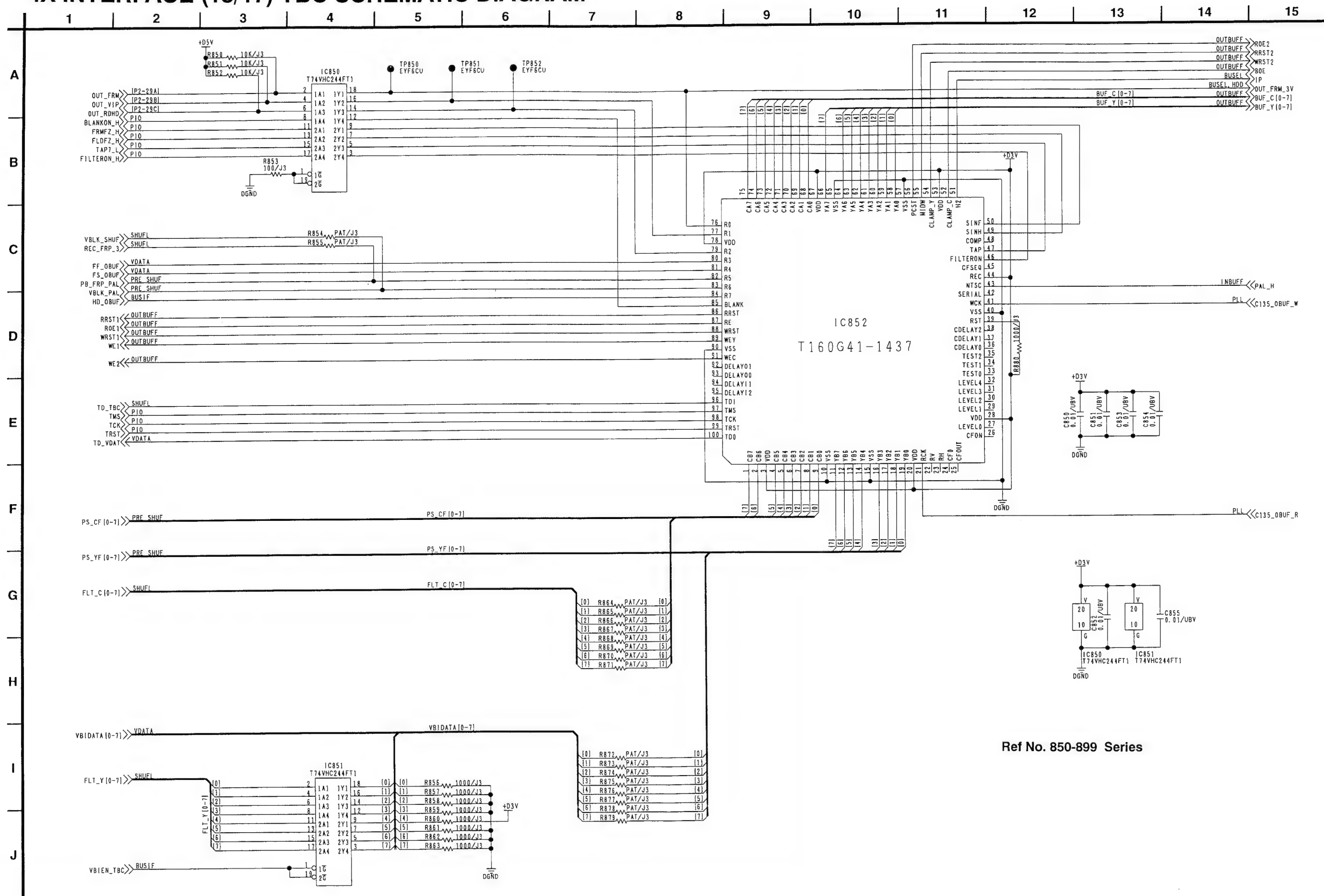
The schematic diagram illustrates the pin configuration and electrical connections for the IC750 UPD65868D022. The chip is shown with its 208 pins, organized into two rows of 104 pins each. The top row (pins 1-104) includes signals such as TCK, TRST, TMS, TD\_VDAT, TD\_END, RST\_VD\_L, and various address and data bus lines (e.g., A[0-13], D[0-13]). The bottom row (pins 105-208) includes signals like REF\_CF0, REF\_CF1, AVDT[0-7], AVAD[0-5], REC\_INH, REC\_INV, REC\_FRP\_2, CS\_VD\_L, AVRDL\_L, AVWR\_L, and various control and status signals (e.g., SHUF, BUSIF, VBIEN). Power supply connections are shown for +D3V and DGND, with decoupling capacitors (C751, C752, C753, C754) and resistors (R751, R752, R753, R754, R755, R756, R757, R758) used for impedance matching and noise reduction. Signal lines are connected to external components like the PLL (Phase-Locked Loop) and various bus controllers (e.g., REC\_FRP\_2, REC\_INV, REC\_INH, REC\_FRP\_2).

# 4X INTERFACE (14/17) PRE SHUFFLE SCHEMATIC DIAGRAM

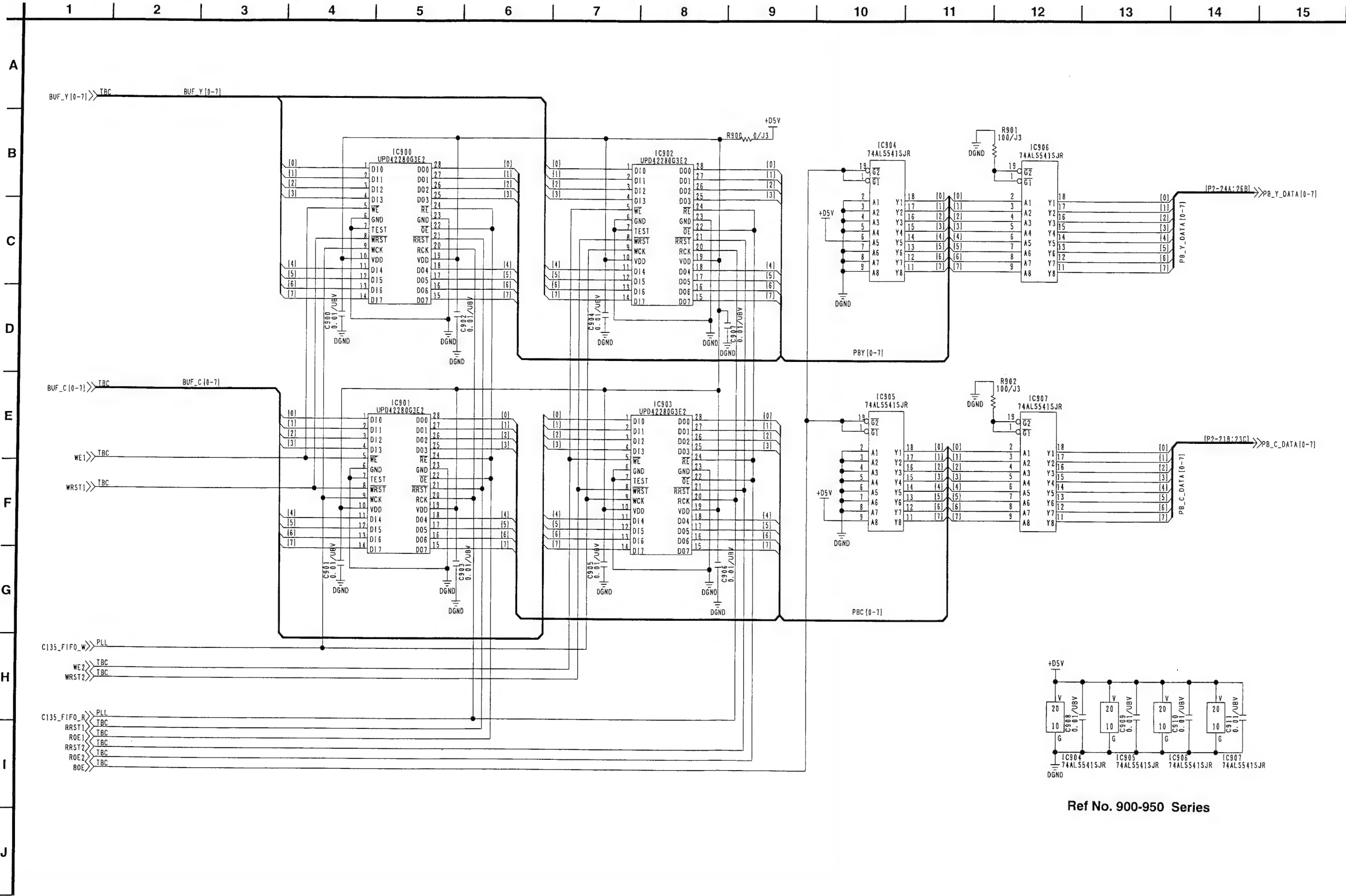




# 4X INTERFACE (15/17) TBC SCHEMATIC DIAGRAM

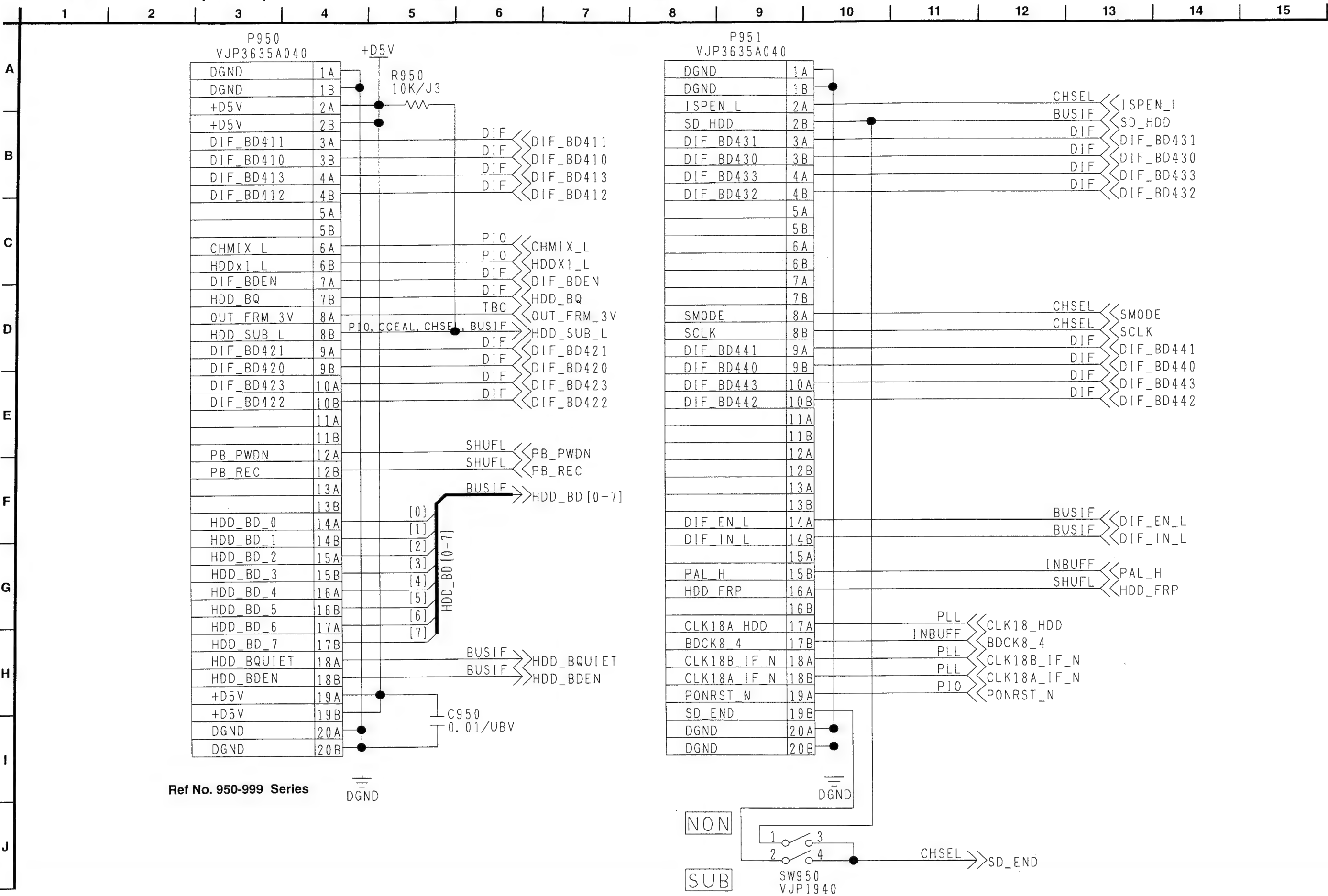


# 4X INTERFACE (16/17) OUTPUT BUFFER SCHEMATIC DIAGRAM

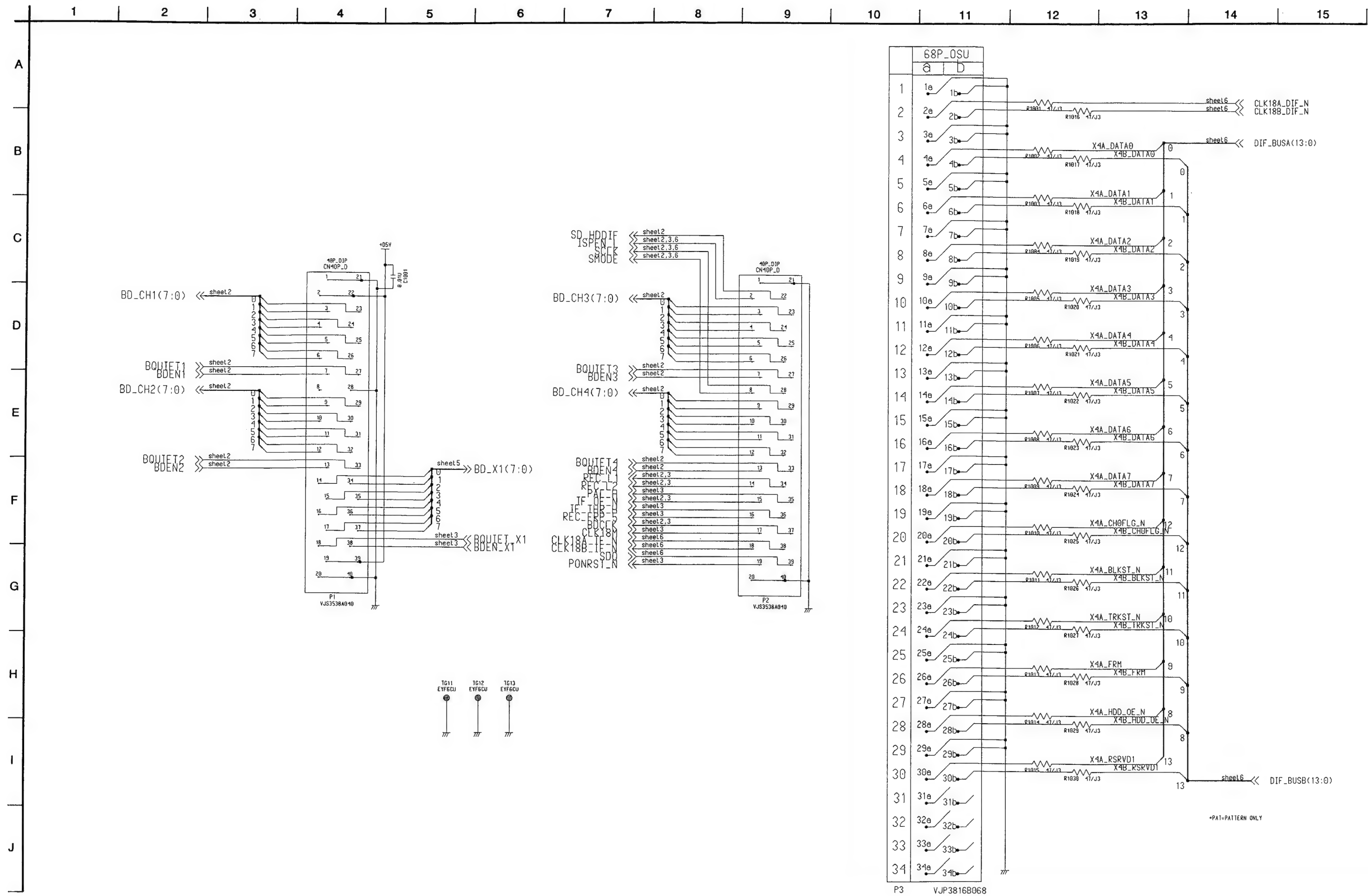


Ref No. 900-950 Series

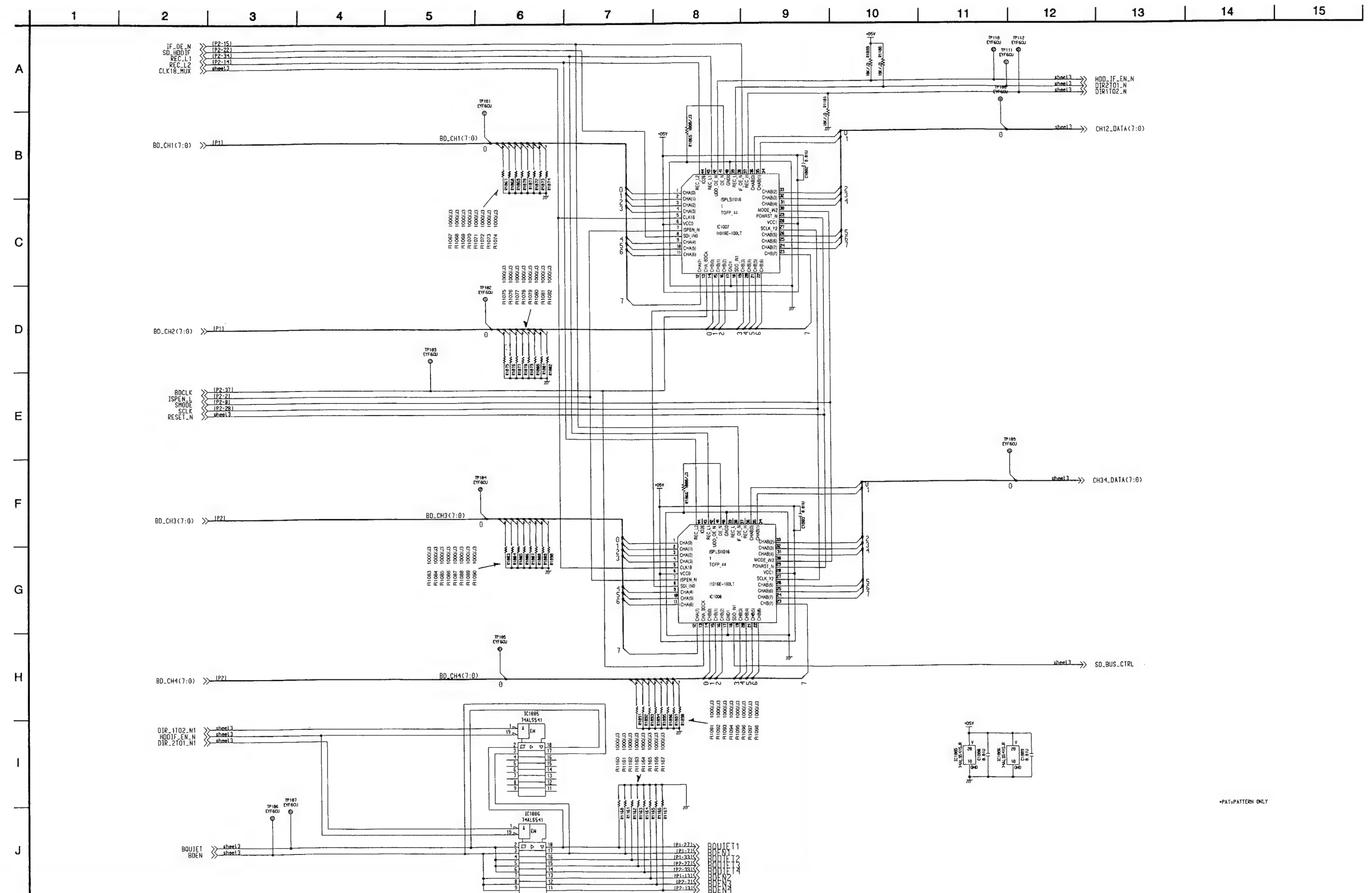
4X INTERFACE (17/17) HDD INTERFACE SCHEMATIC DIAGRAM



HDD SUB (1/6) SCHEMATIC DIAGRAM

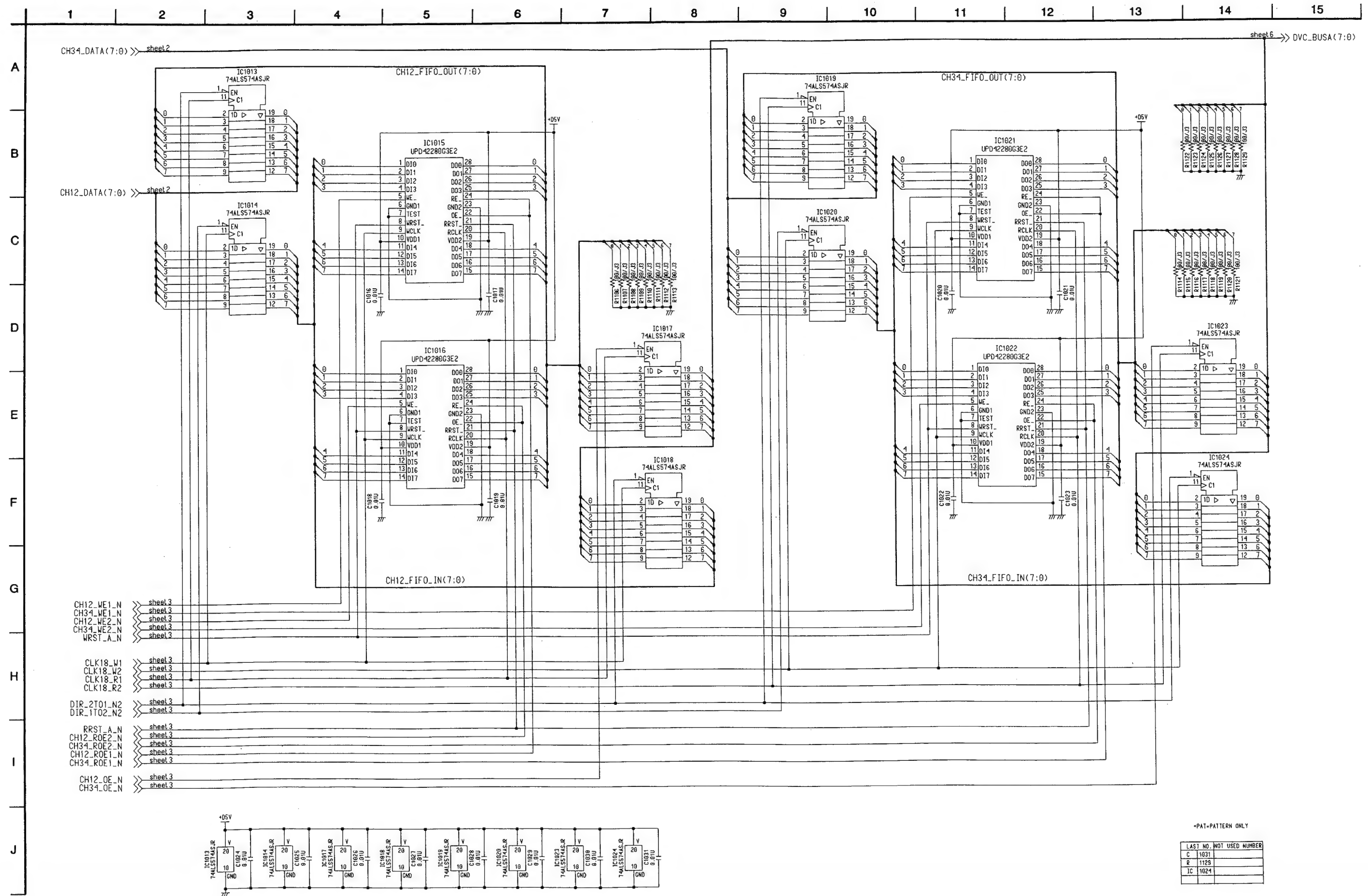


## HDD SUB (2/6) SCHEMATIC DIAGRAM





# HDD SUB (4/6) SCHEMATIC DIAGRAM

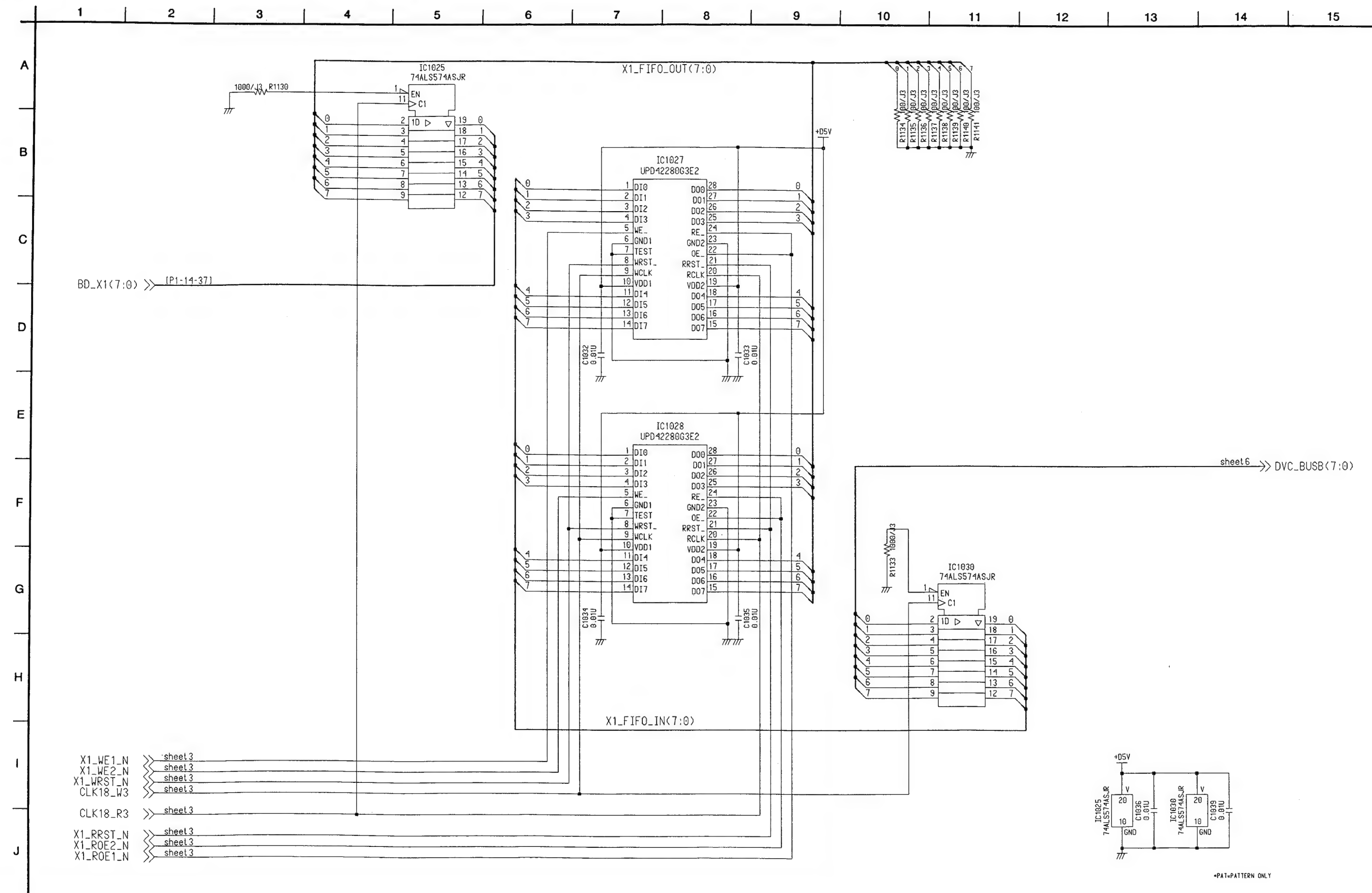


\*PAT-PATTERN ONLY

LAST NO. NOT USED NUMBER
C 1031
R 1129
IC 1024

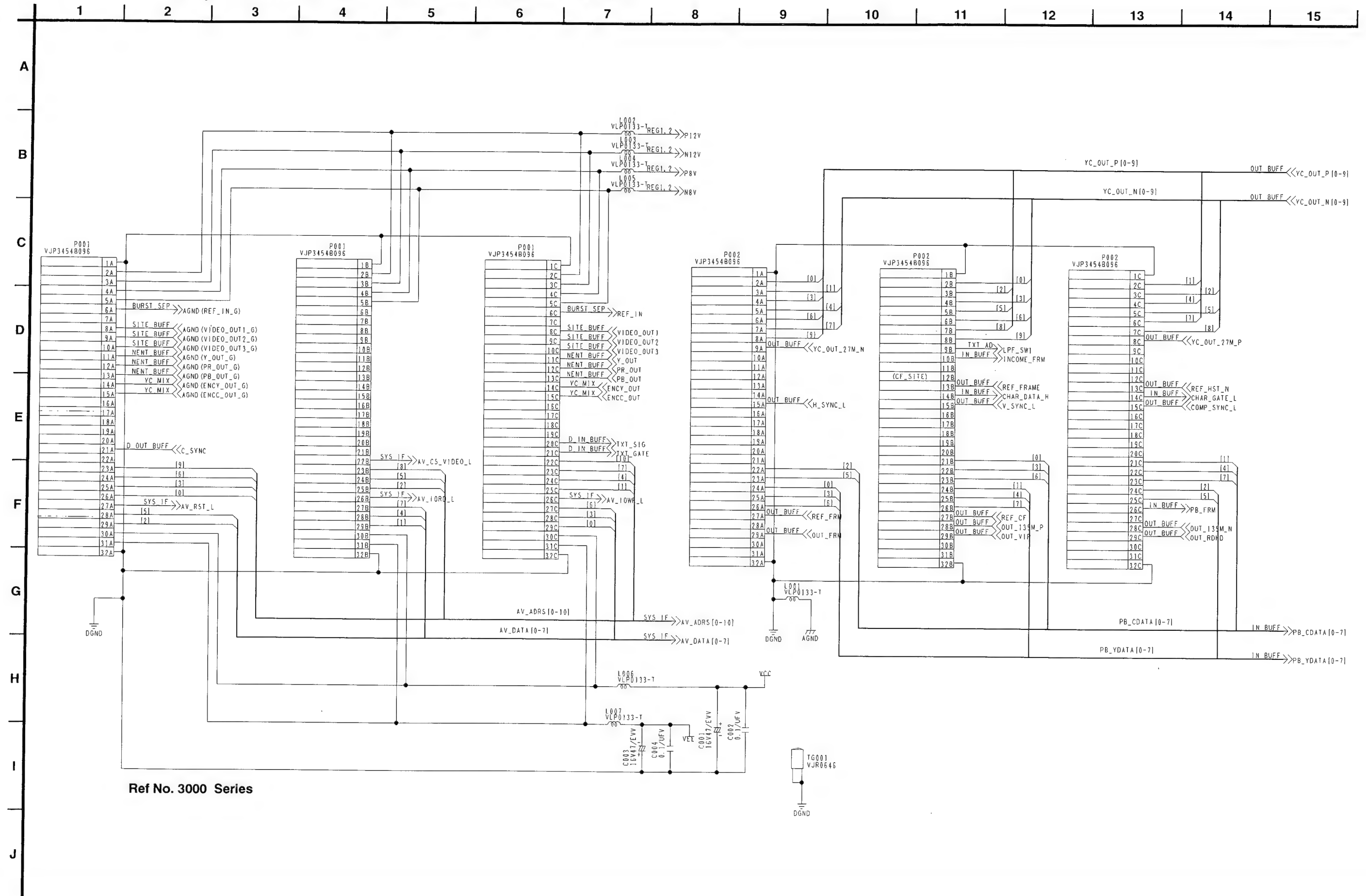


# HDD SUB (5/6) SCHEMATIC DIAGRAM

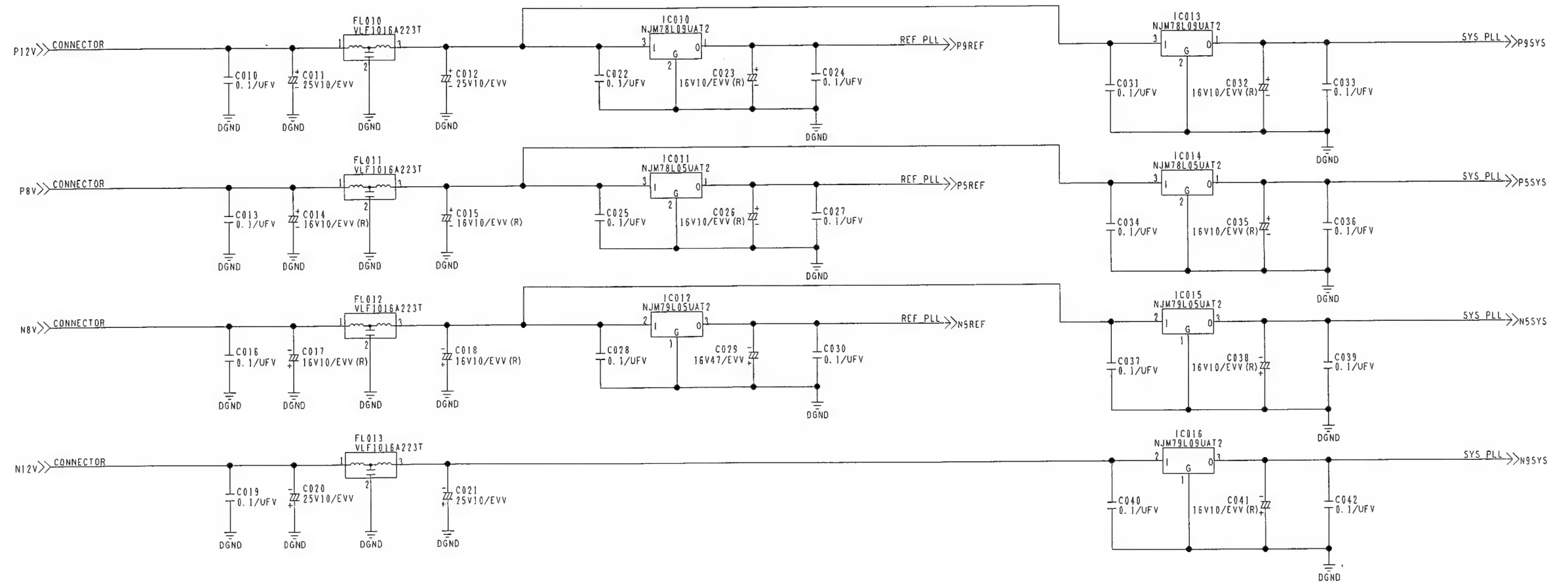


## PAT=PATTERN ONLY

# V OUT (F4 1/27) CONNECTOR SCHEMATIC DIAGRAM

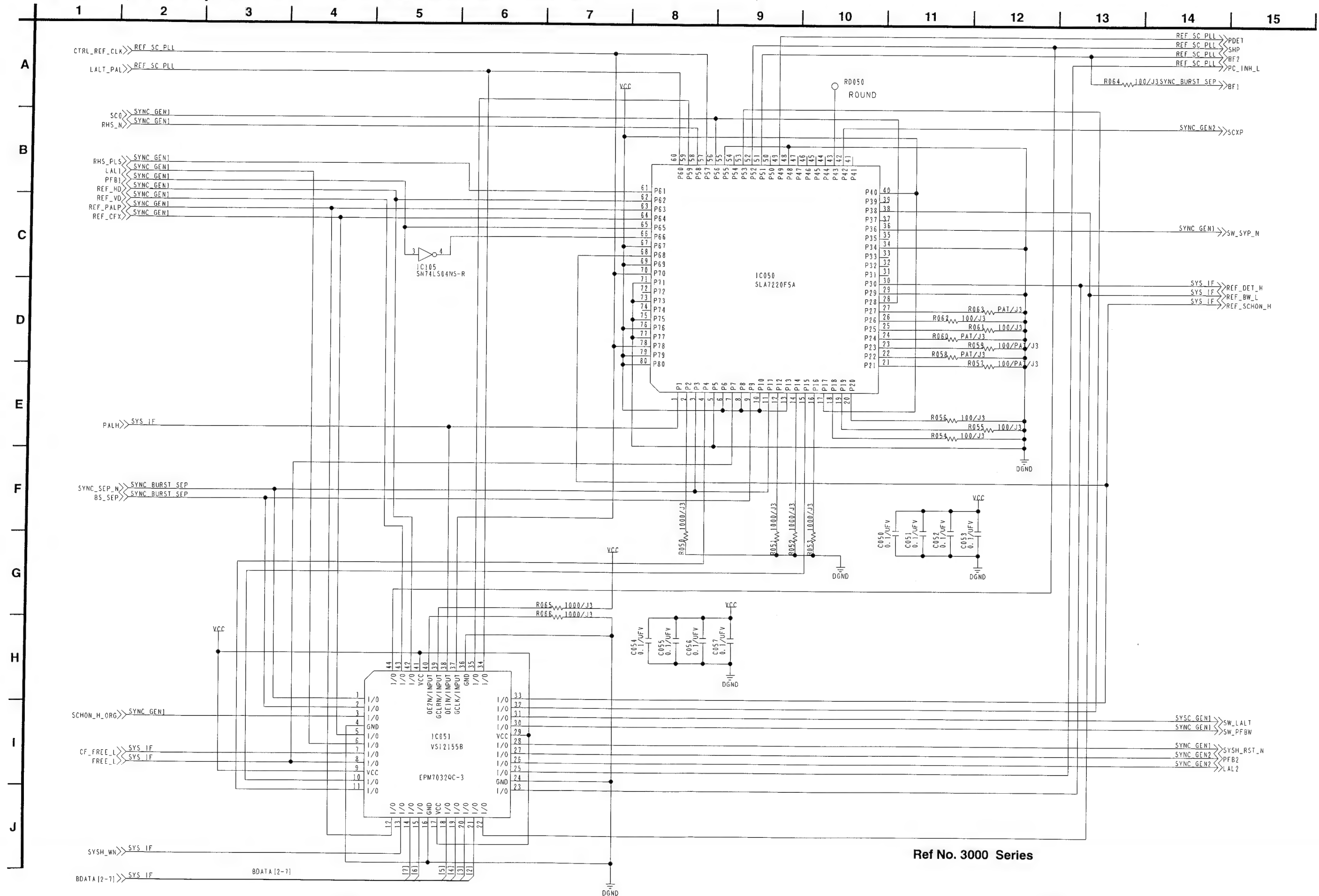


# V OUT (F4 2/27) REG 1 SCHEMATIC DIAGRAM



Ref No. 3000 Series

# V OUT (F4 3/27) REF CTRL SCHEMATIC DIAGRAM

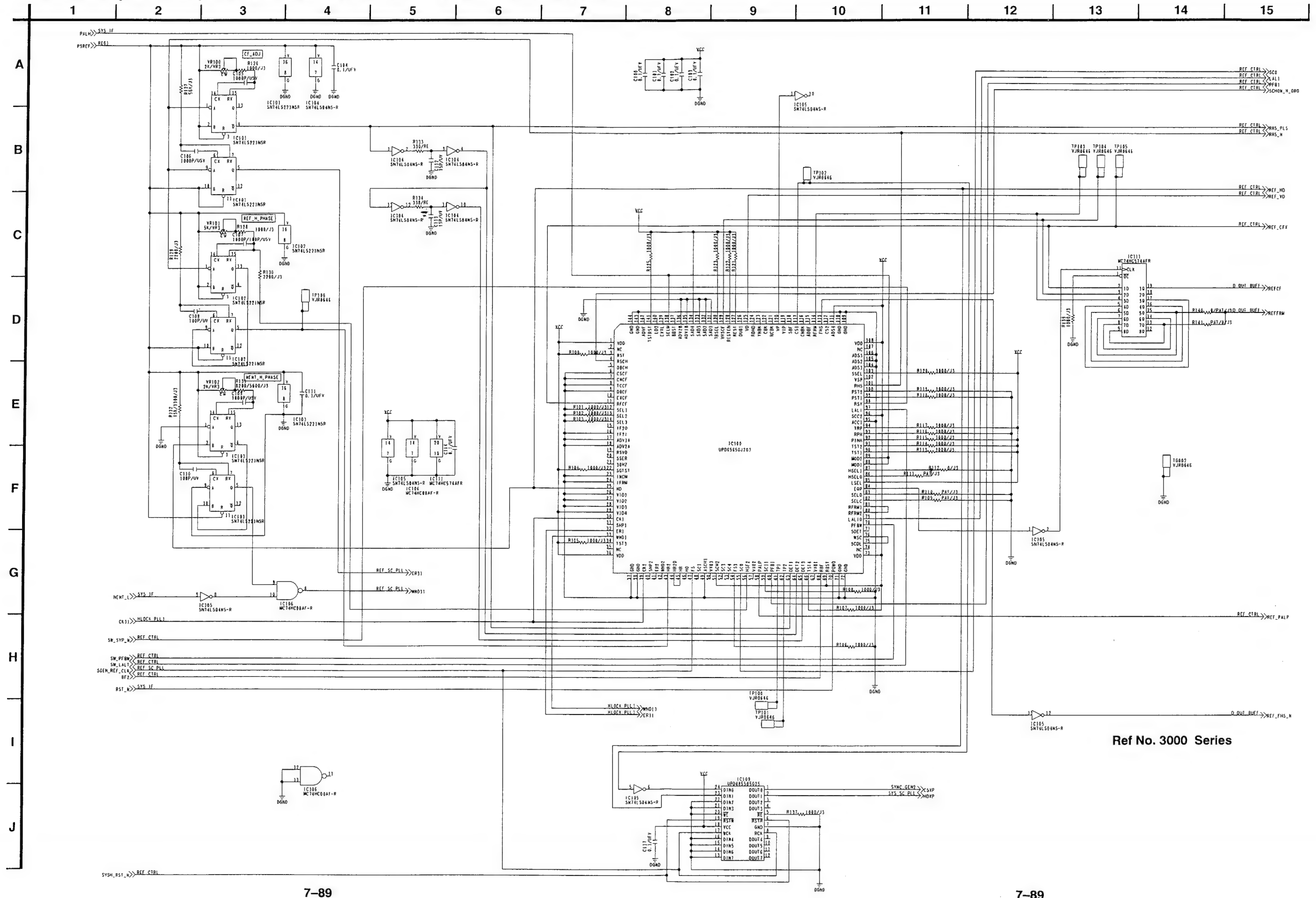


Ref No. 3000 Series

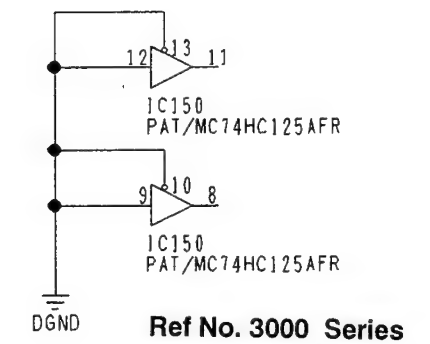
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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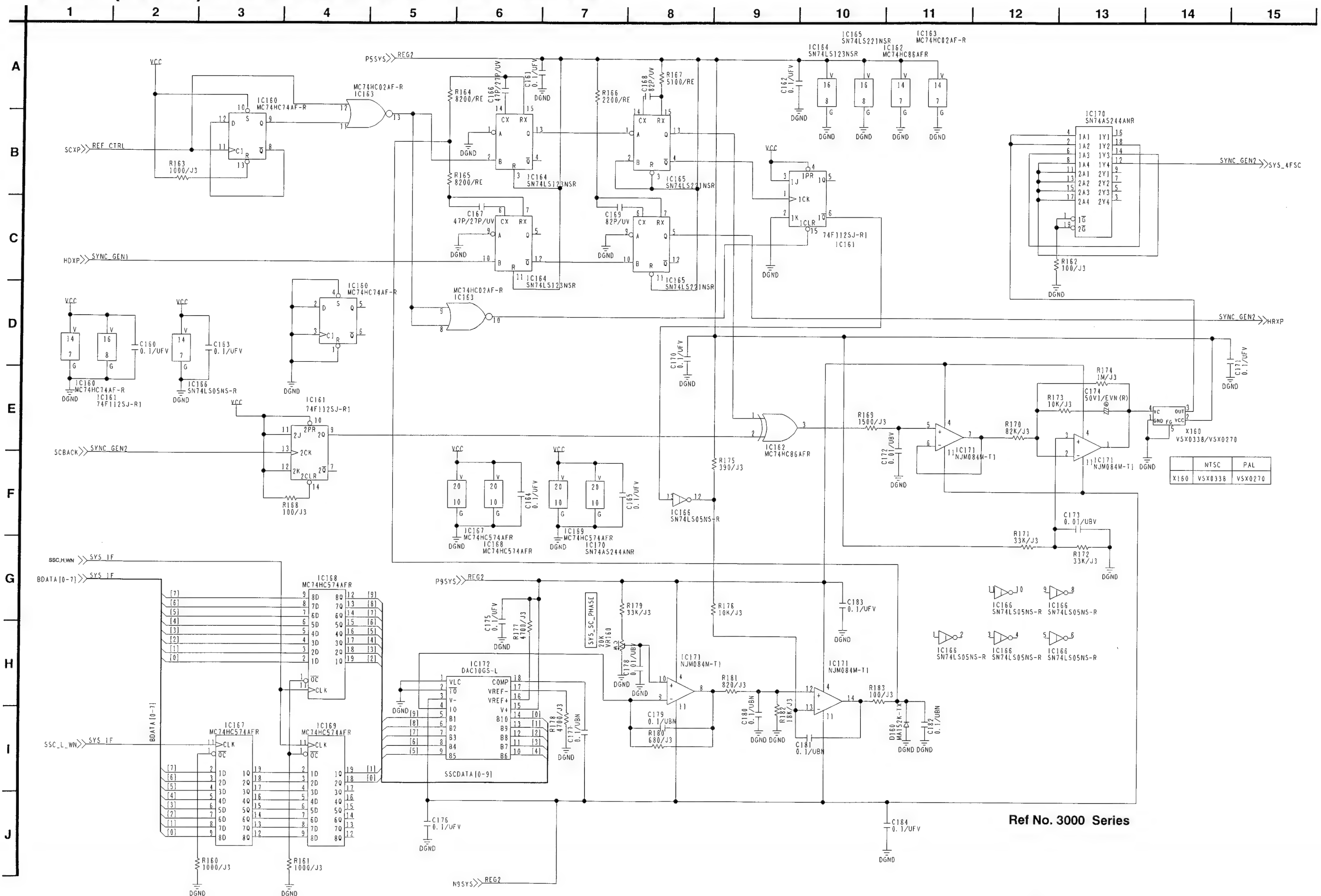
## V OUT (F4 5/27) SYNC GEN 1 SCHEMATIC DIAGRAM



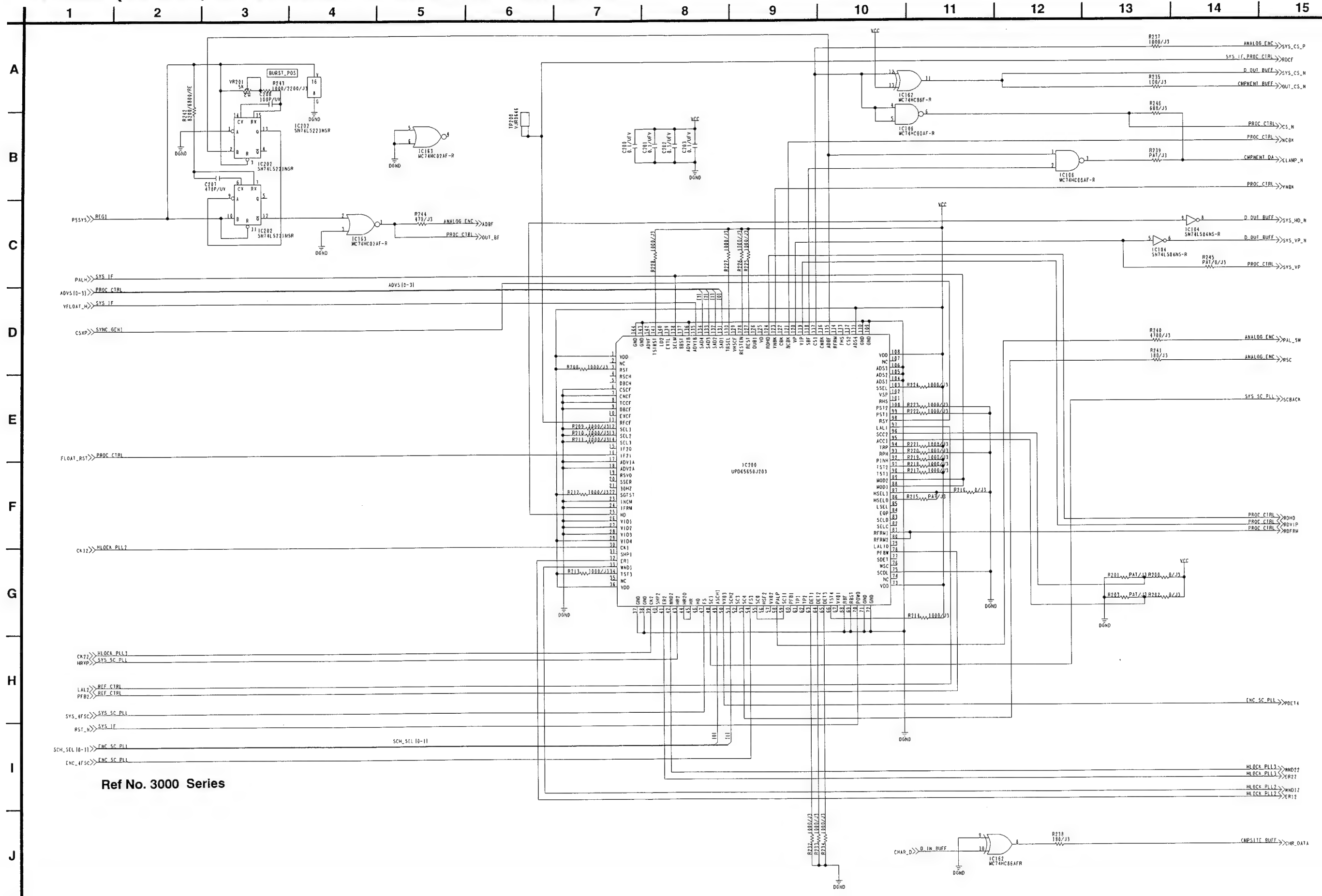




### V OUT (F4 7/27) SYS SC PLL SCHEMATIC DIAGRAM

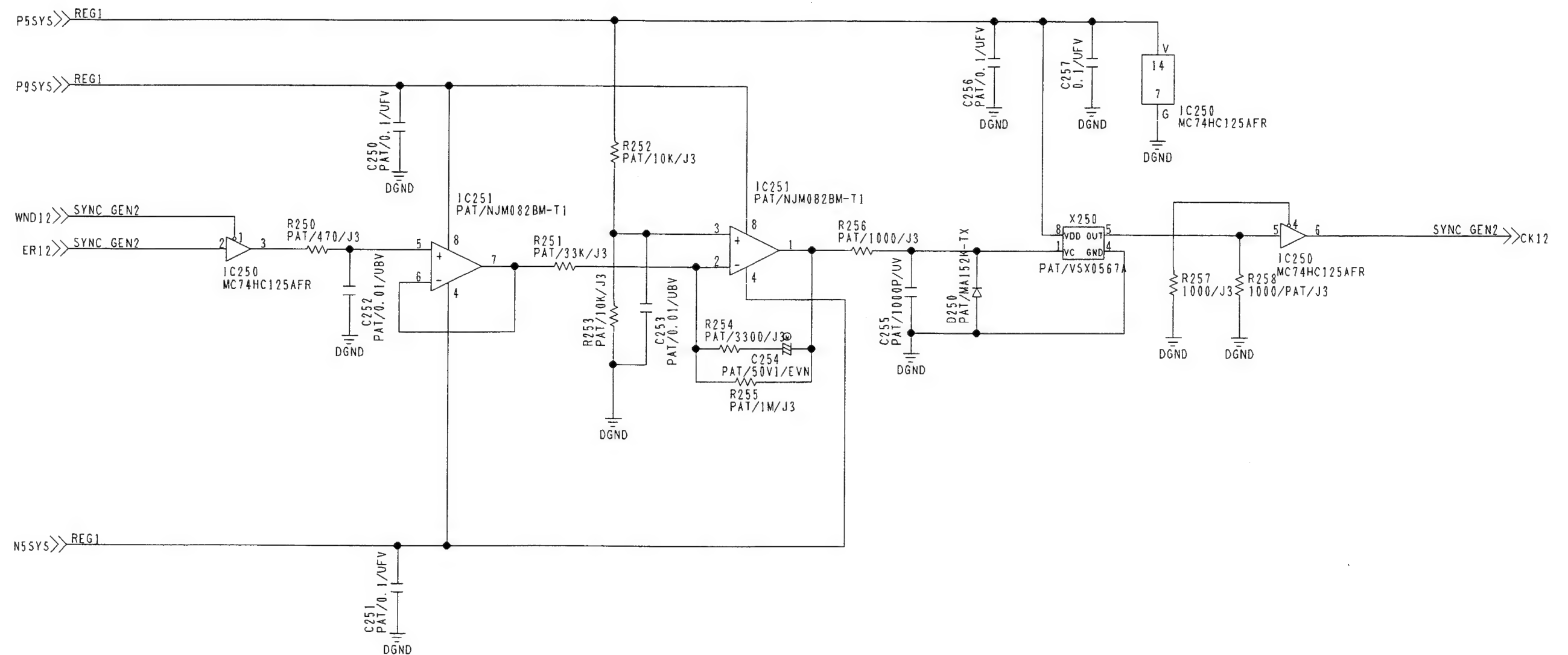


## V OUT (F4 8/27) SYNC GEN 2 SCHEMATIC DIAGRAM



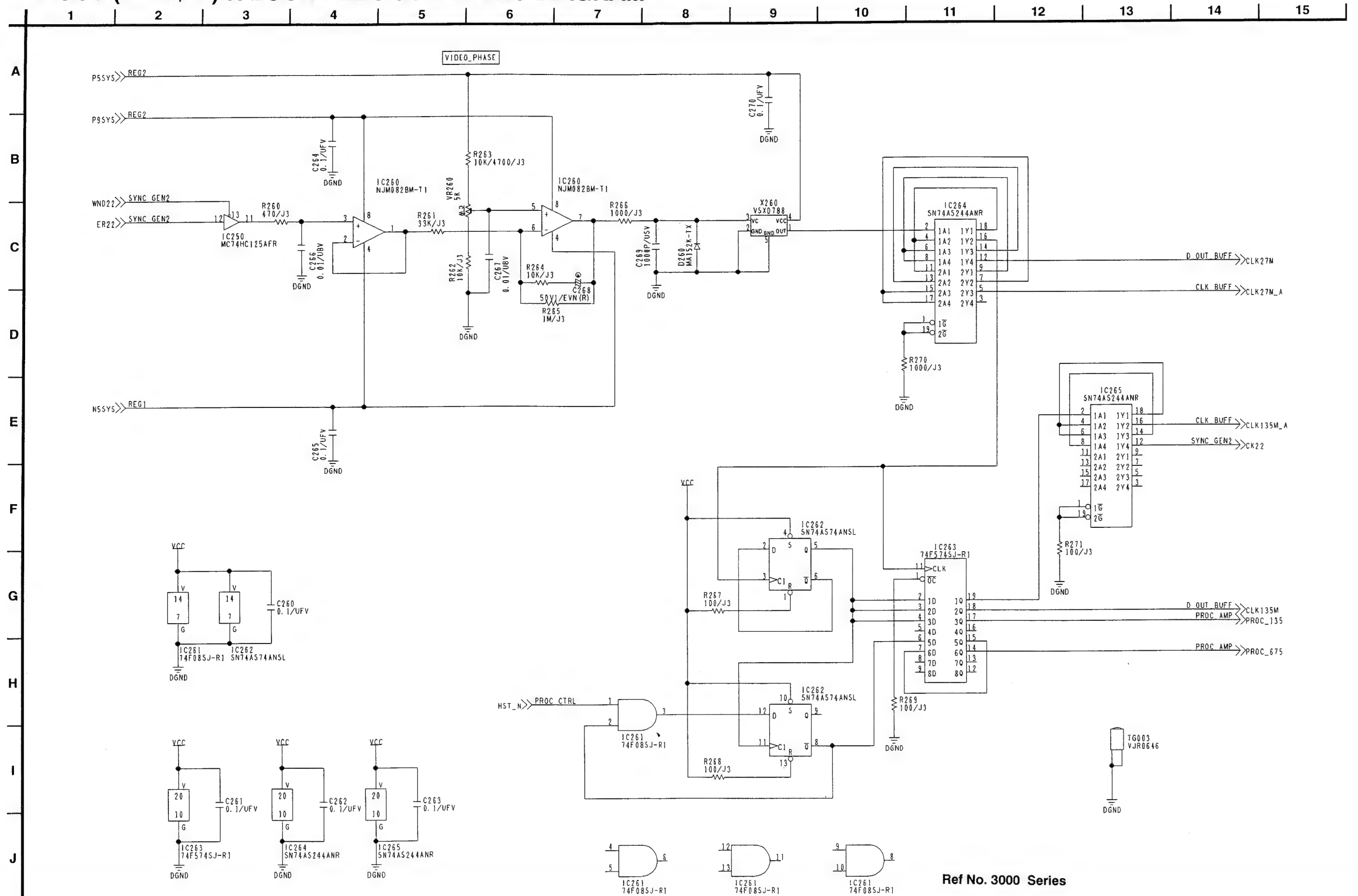
**Ref No. 3000 Series**

# V OUT (F4 9/27) H LOCK PLL 2 SCHEMATIC DIAGRAM

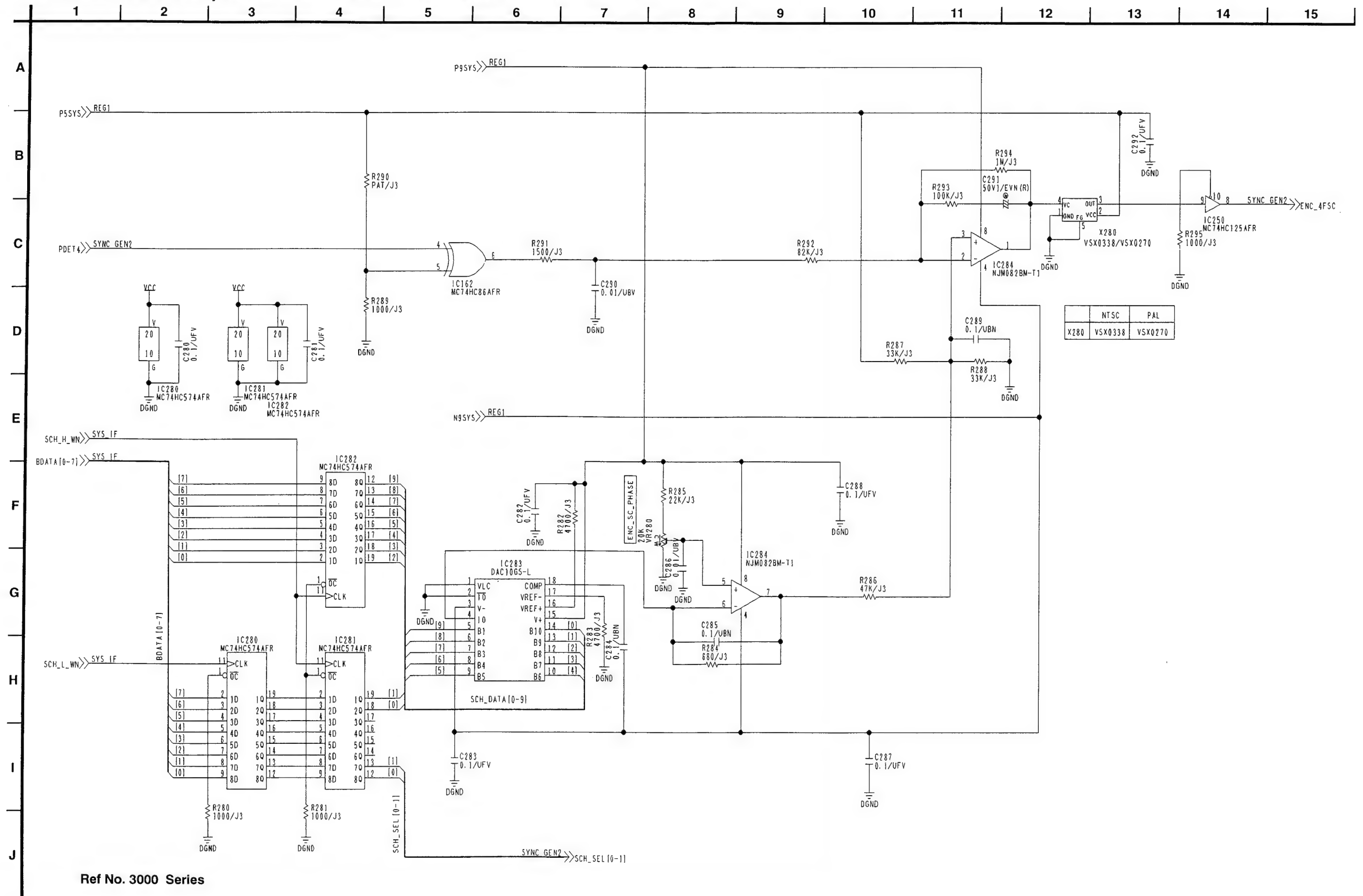


Ref No. 3000 Series

# V OUT (F4 10/27) H LOCK PLL 3 SCHEMATIC DIAGRAM

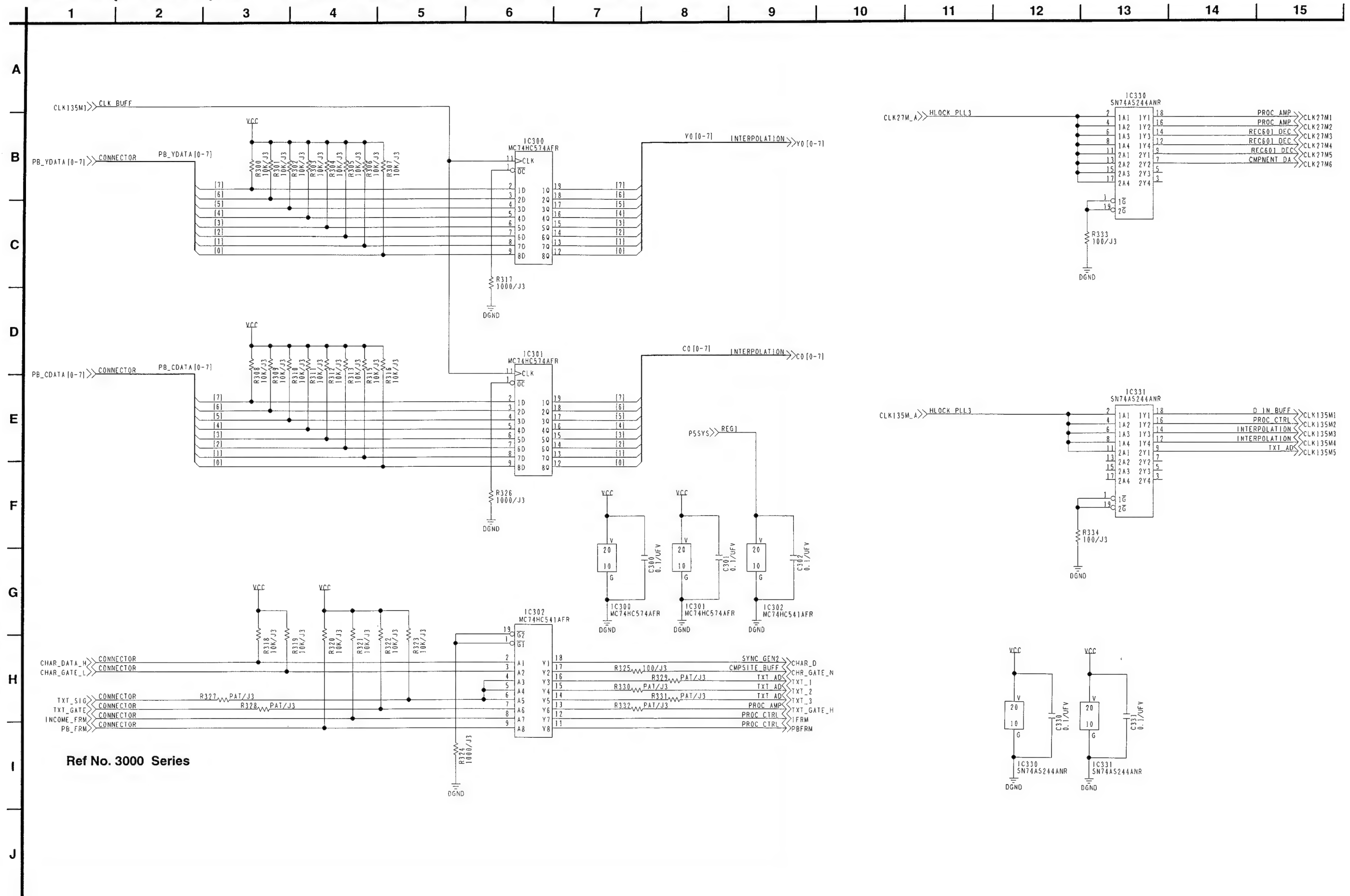


# V OUT (F4 11/27) ENC SC PLL SCHEMATIC DIAGRAM



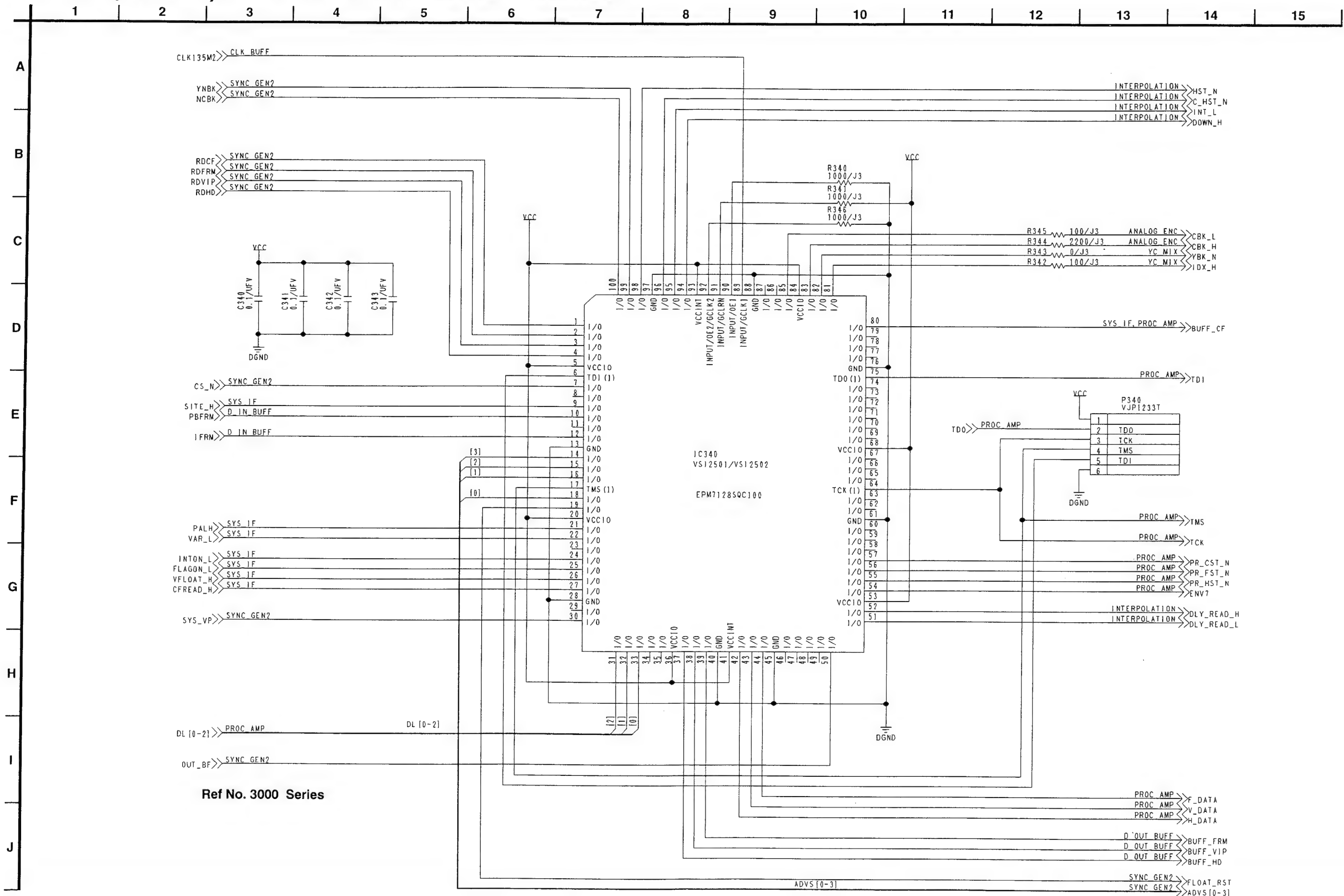
Ref No. 3000 Series

# V OUT (F4 12/27) D IN BUFF & CLK BUFF SCHEMATIC DIAGRAM



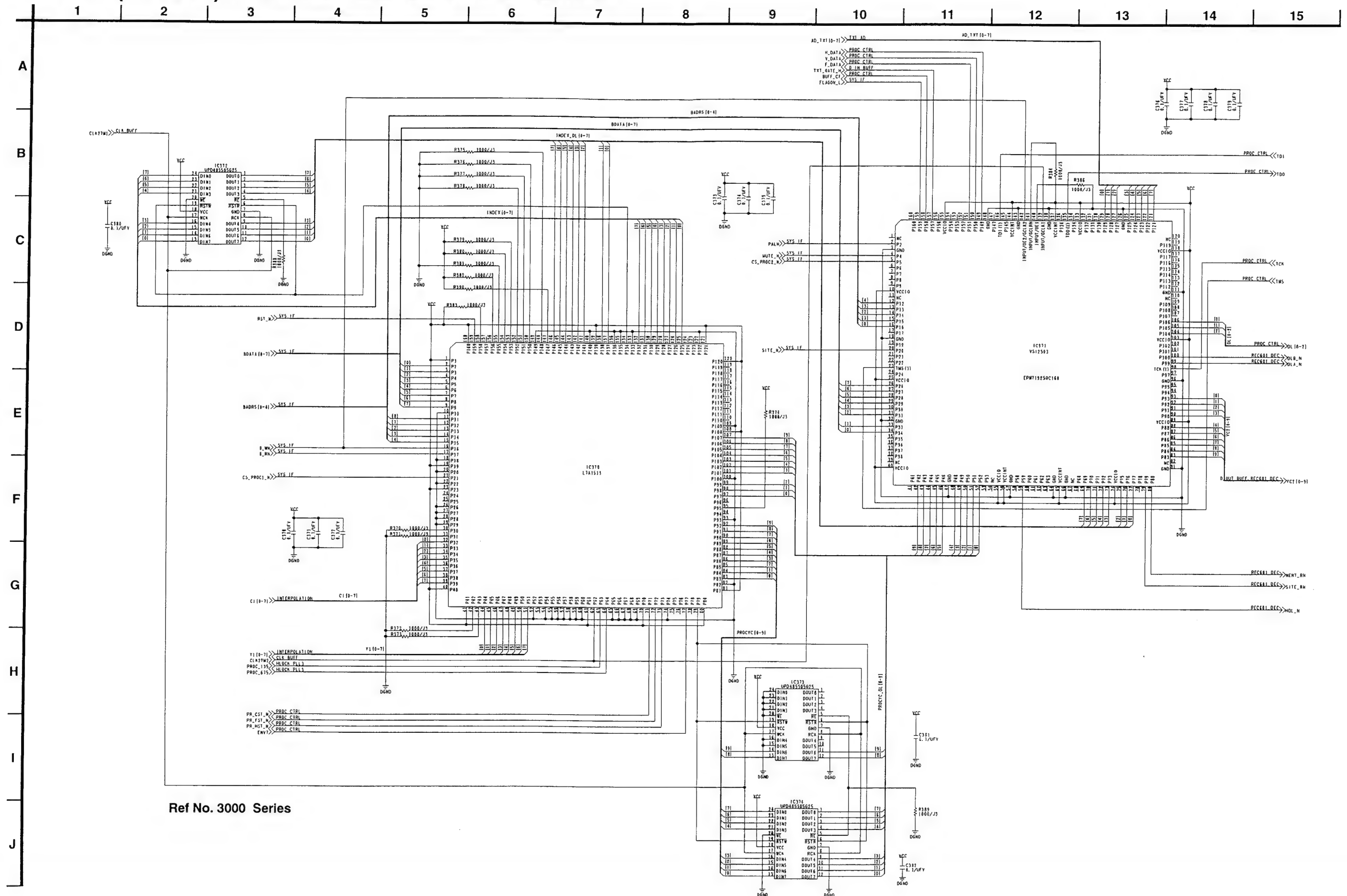


# V OUT (F4 13/27) PROC CTRL SCHEMATIC DIAGRAM

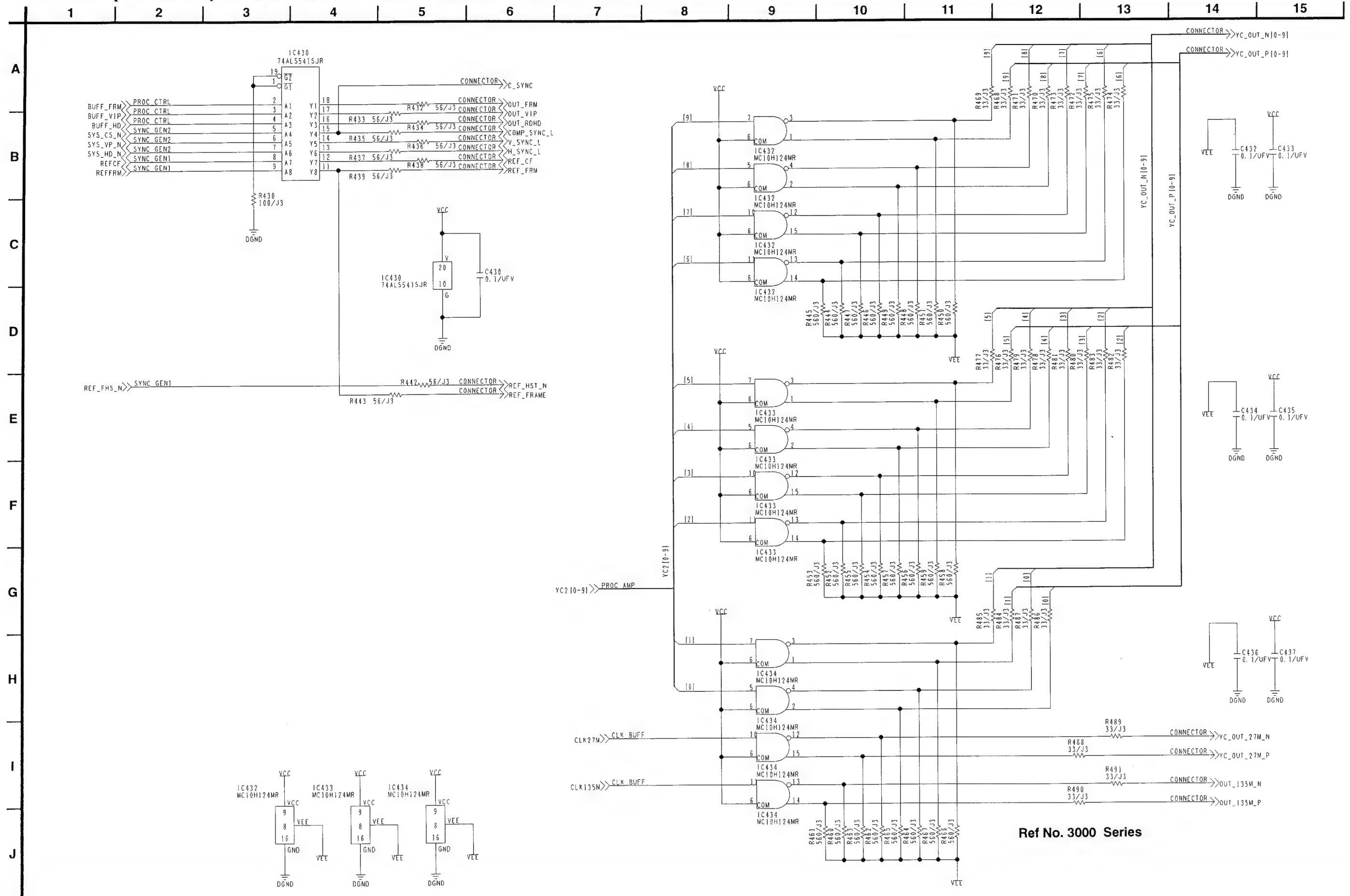




# V OUT (F4 15/27) PROC AMP SCHEMATIC DIAGRAM



# V OUT (F4 16/27) D OUT BUFF SCHEMATIC DIAGRAM

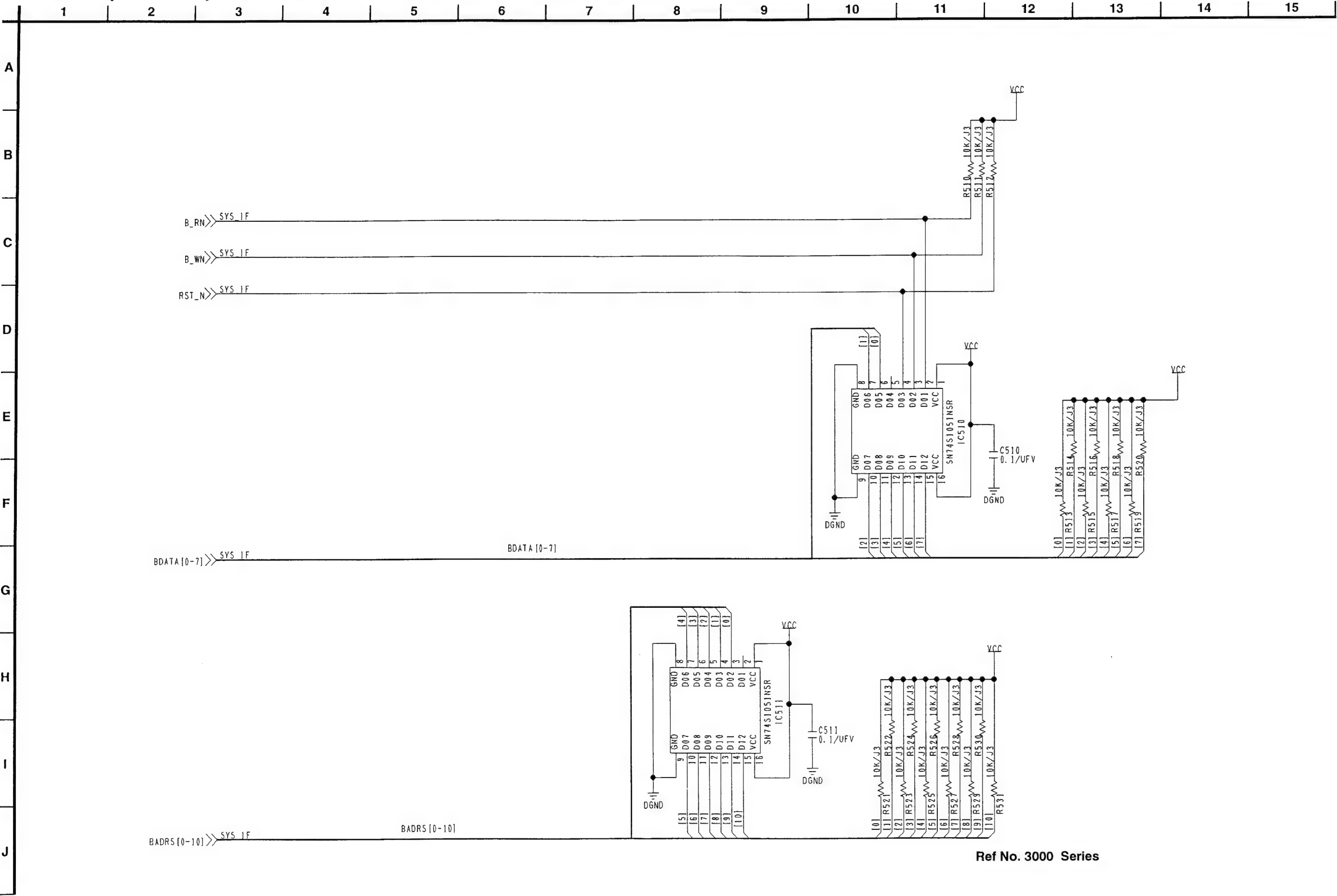


Ref No. 3000 Series

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----

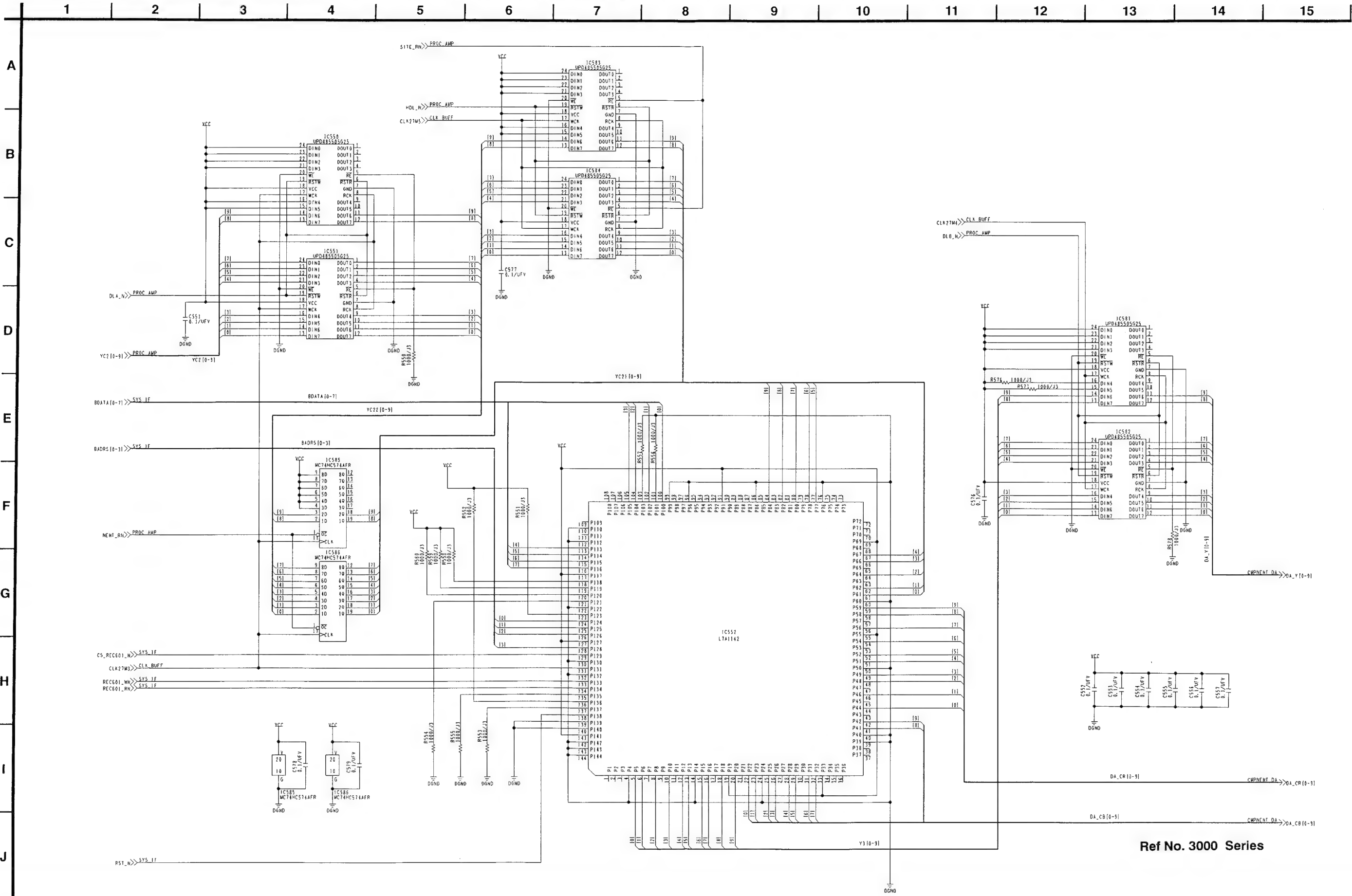


V OUT (F4 18/27) TERMINATOR SCHEMATIC DIAGRAM



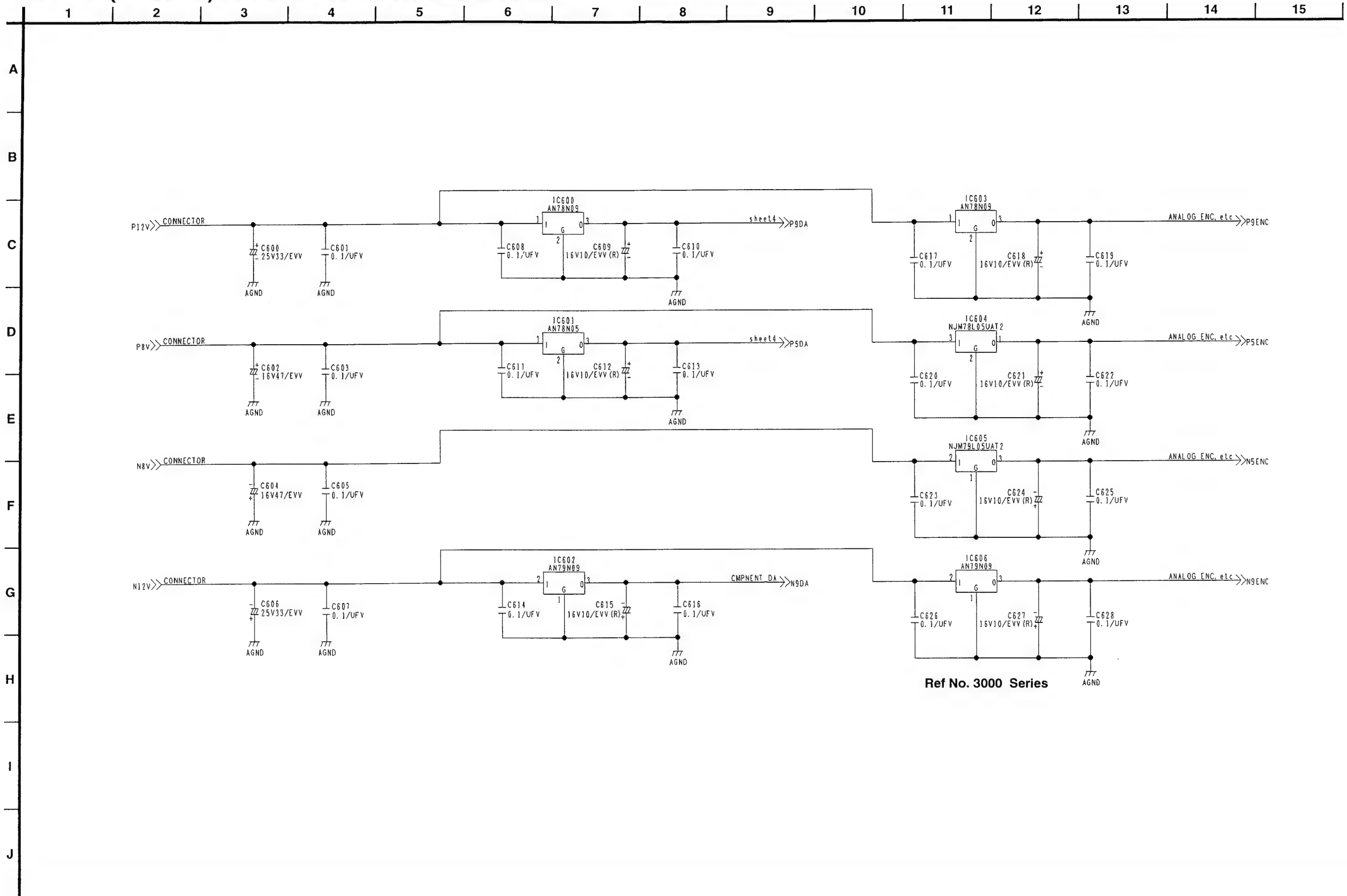
Ref No. 3000 Series

V OUT (F4 19/27) REC601 DEC SCHEMATIC DIAGRAM

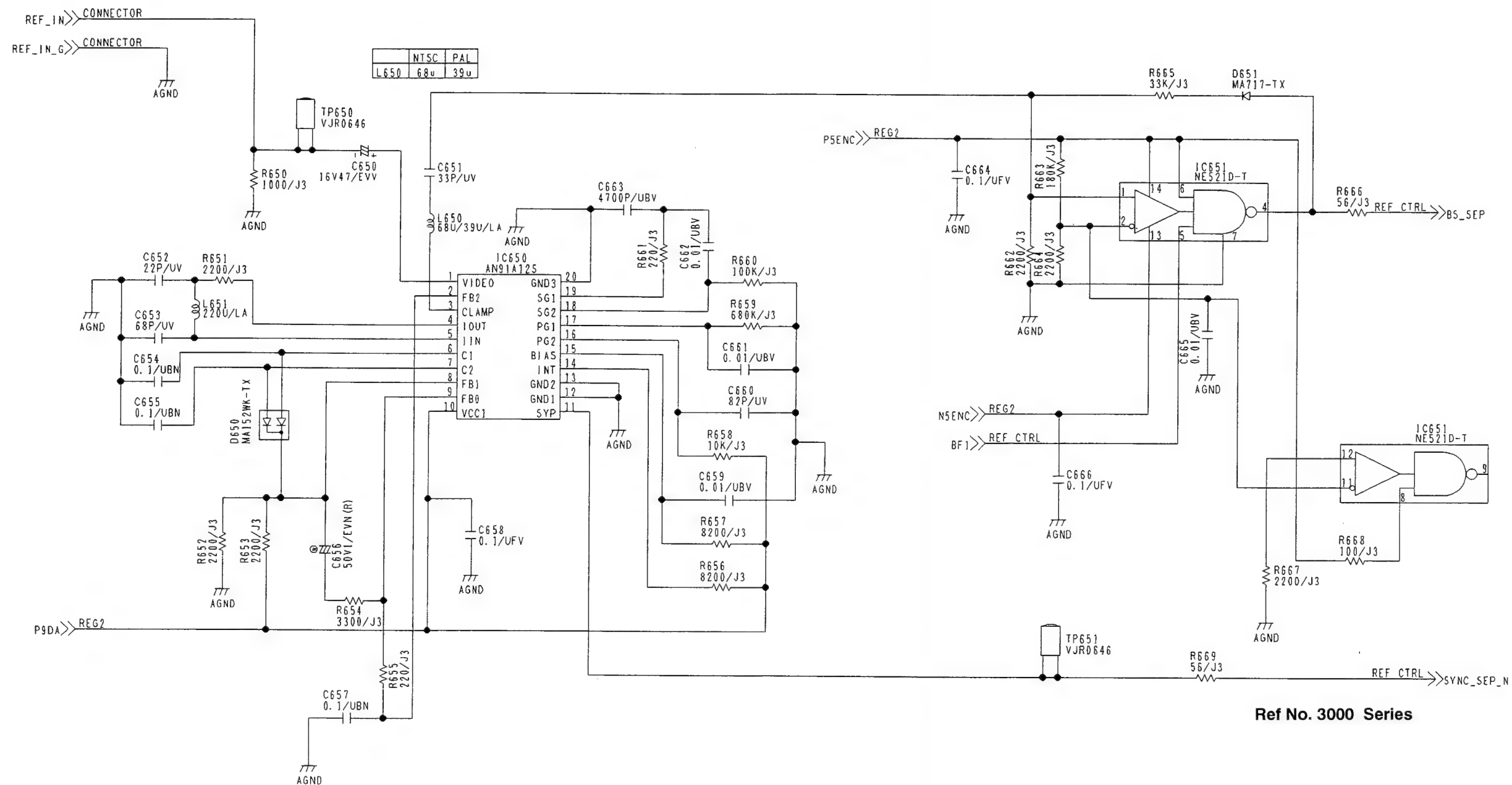




# V OUT (F4 20/27) REG 2 SCHEMATIC DIAGRAM

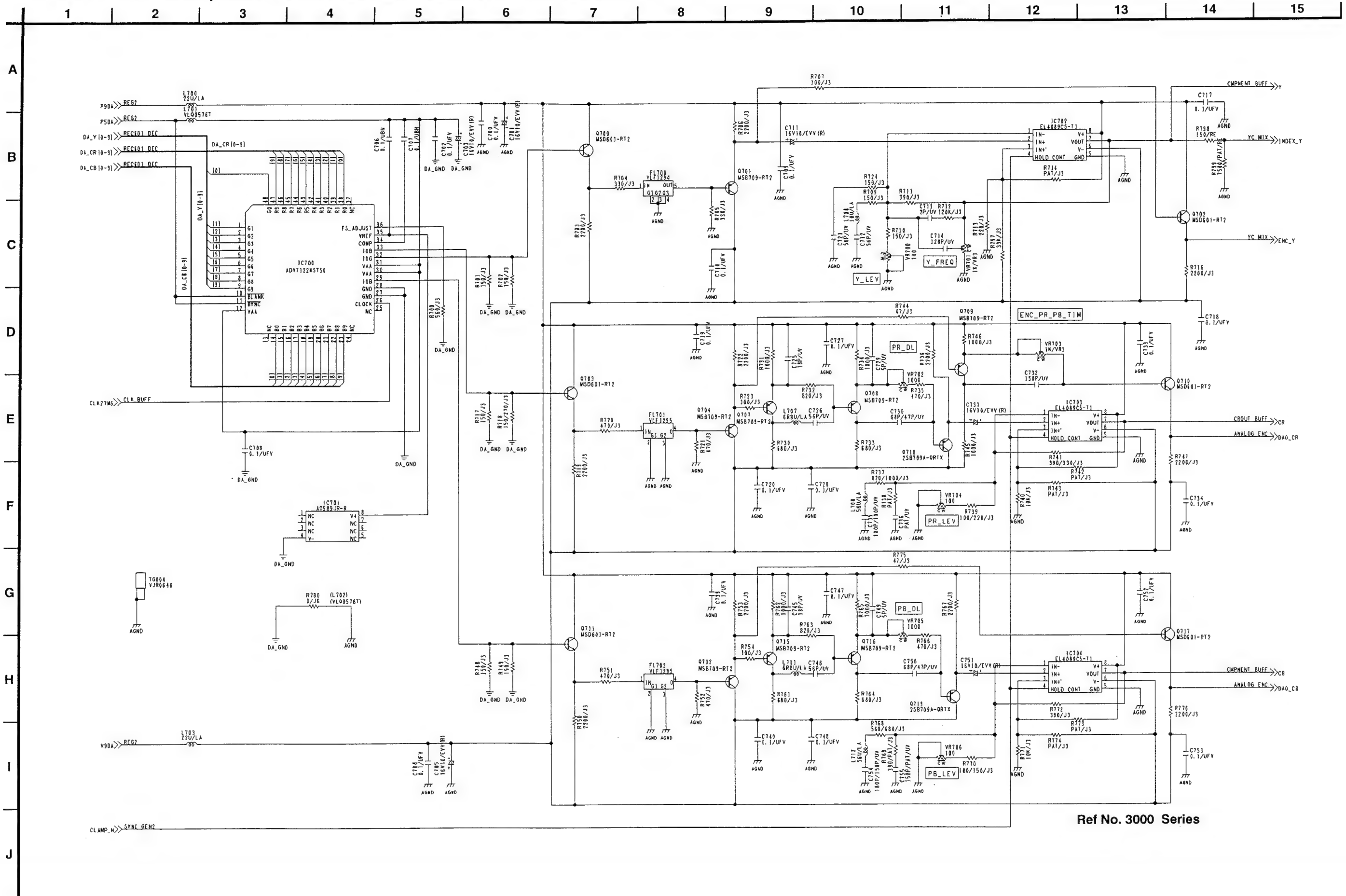


# V OUT (F4 21/27) SYNC BURST SEP SCHEMATIC DIAGRAM



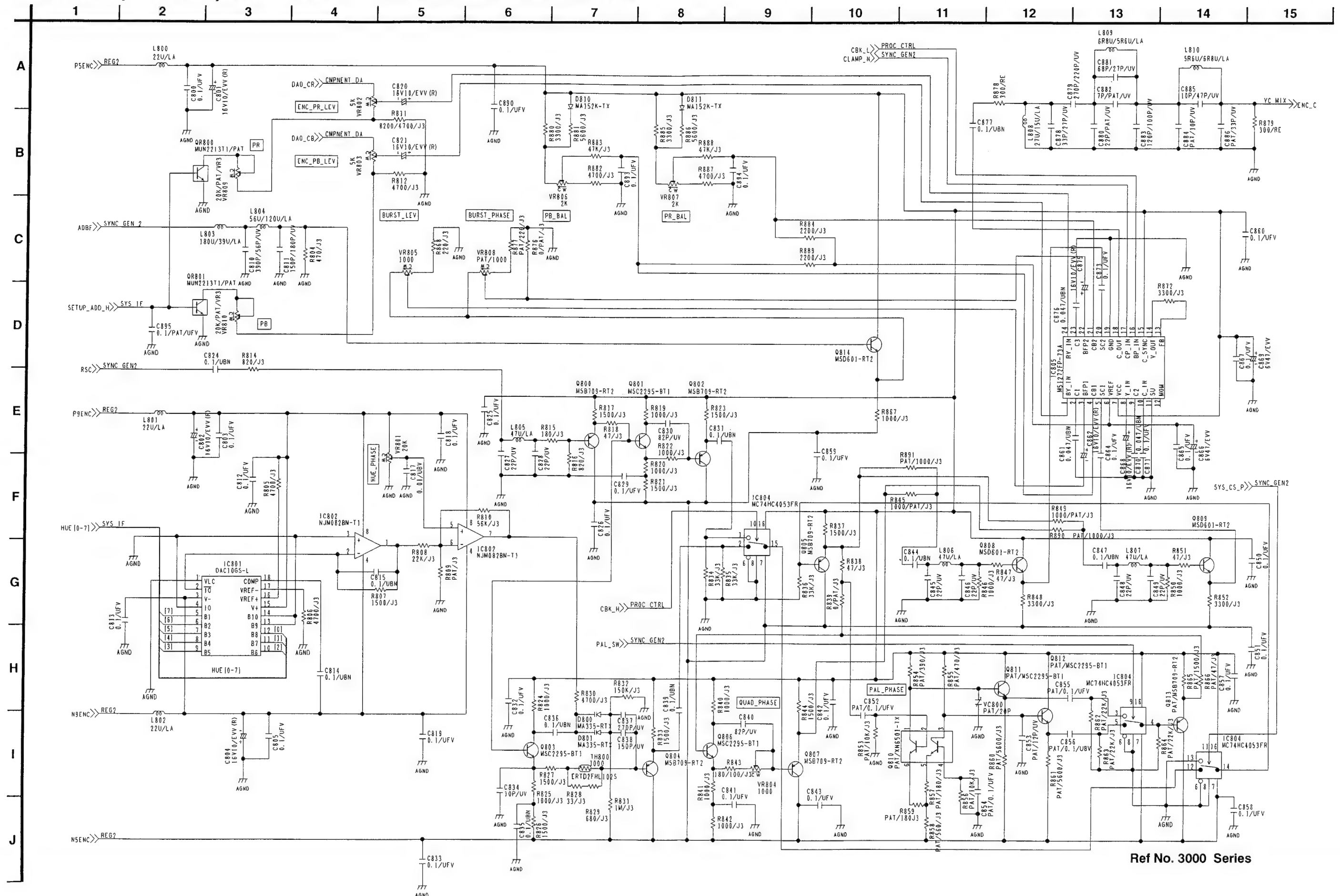
Ref No. 3000 Series

# V OUT (F4 22/27) CMPNENT DA SCHEMATIC DIAGRAM



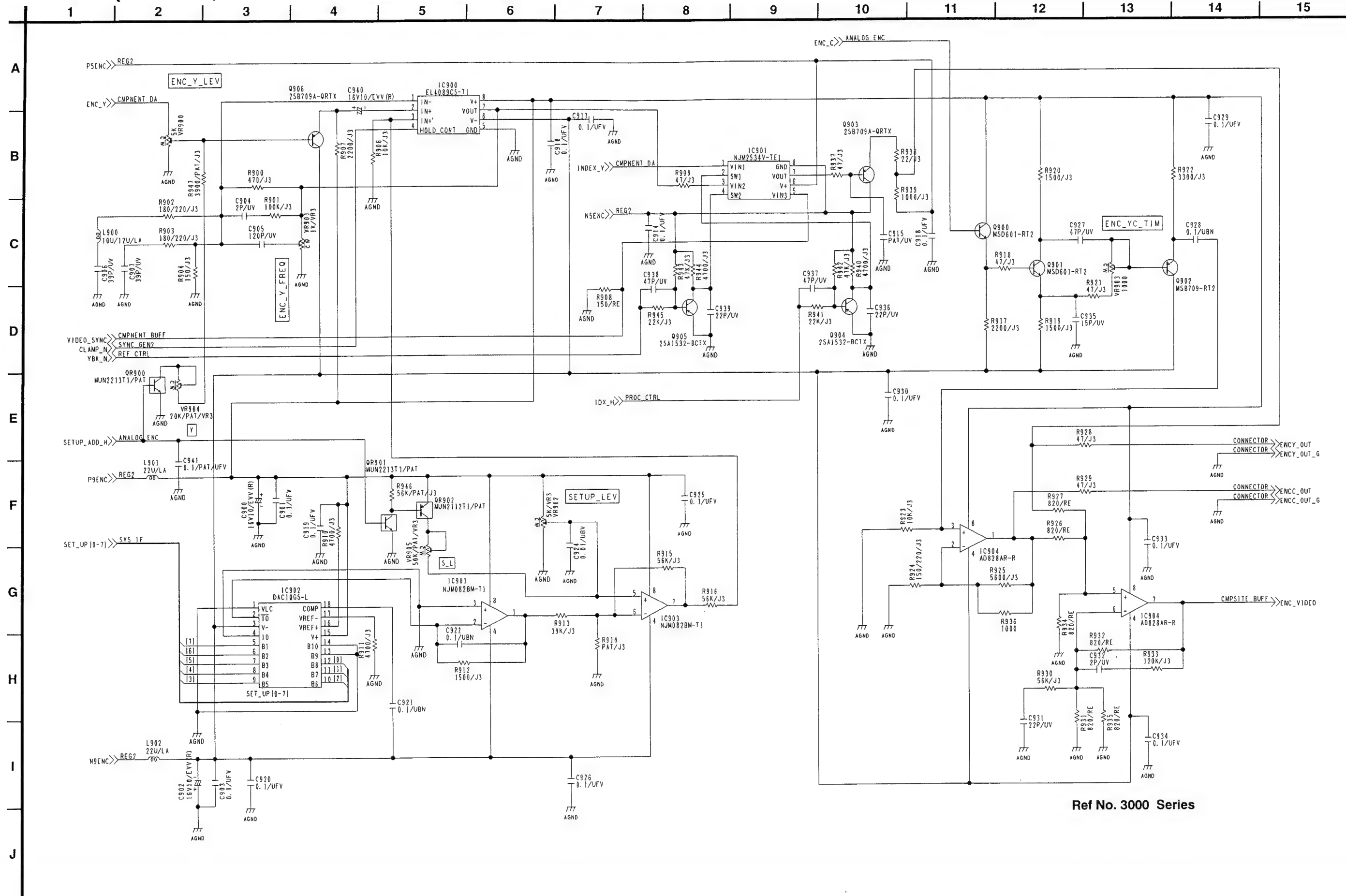
Ref No. 3000 Series

# V OUT (F4 23/27) ANALOG ENC SCHEMATIC DIAGRAM



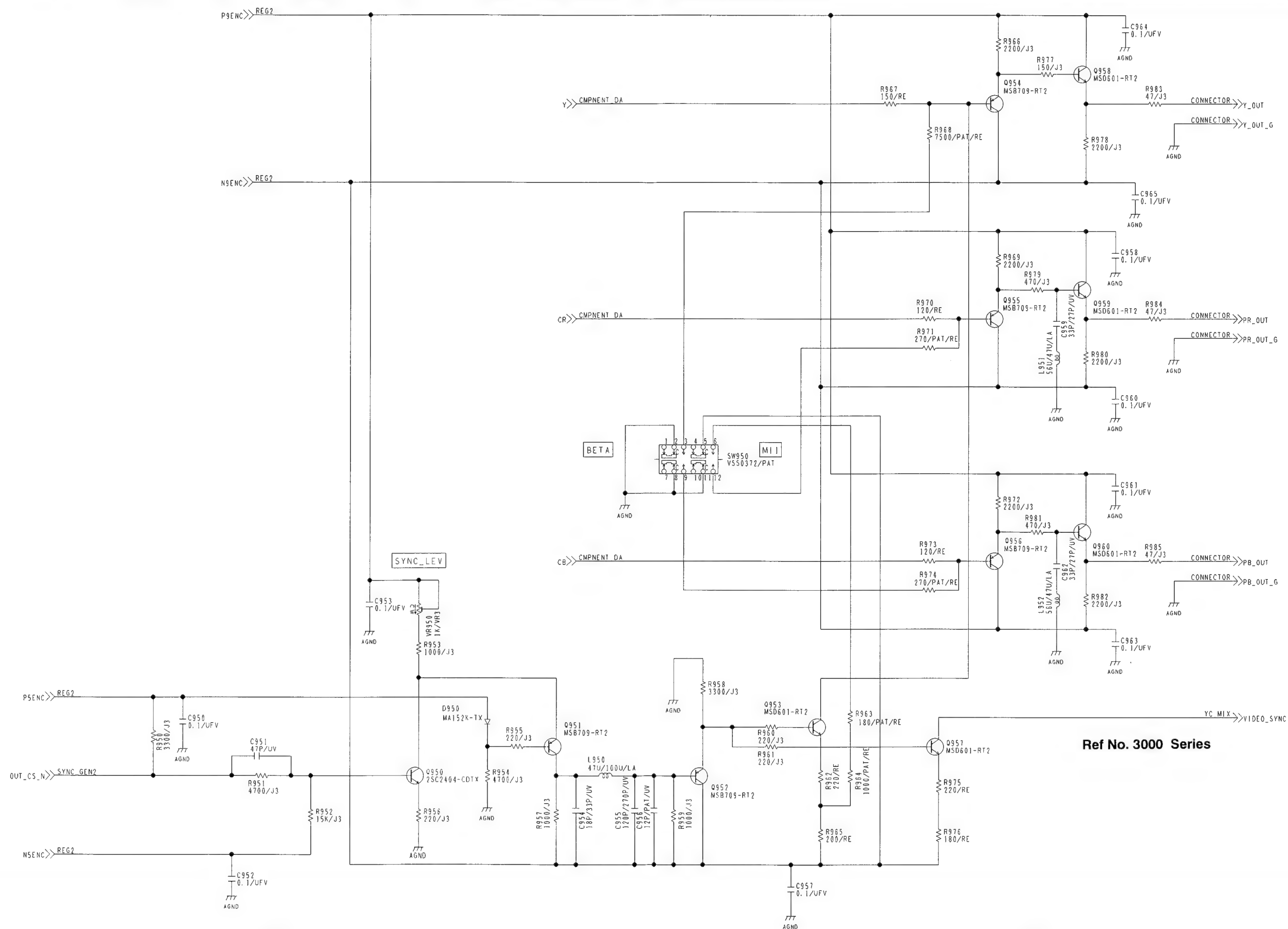
Ref No. 3000 Series

# V OUT (F4 24/27) YC MIX SCHEMATIC DIAGRAM

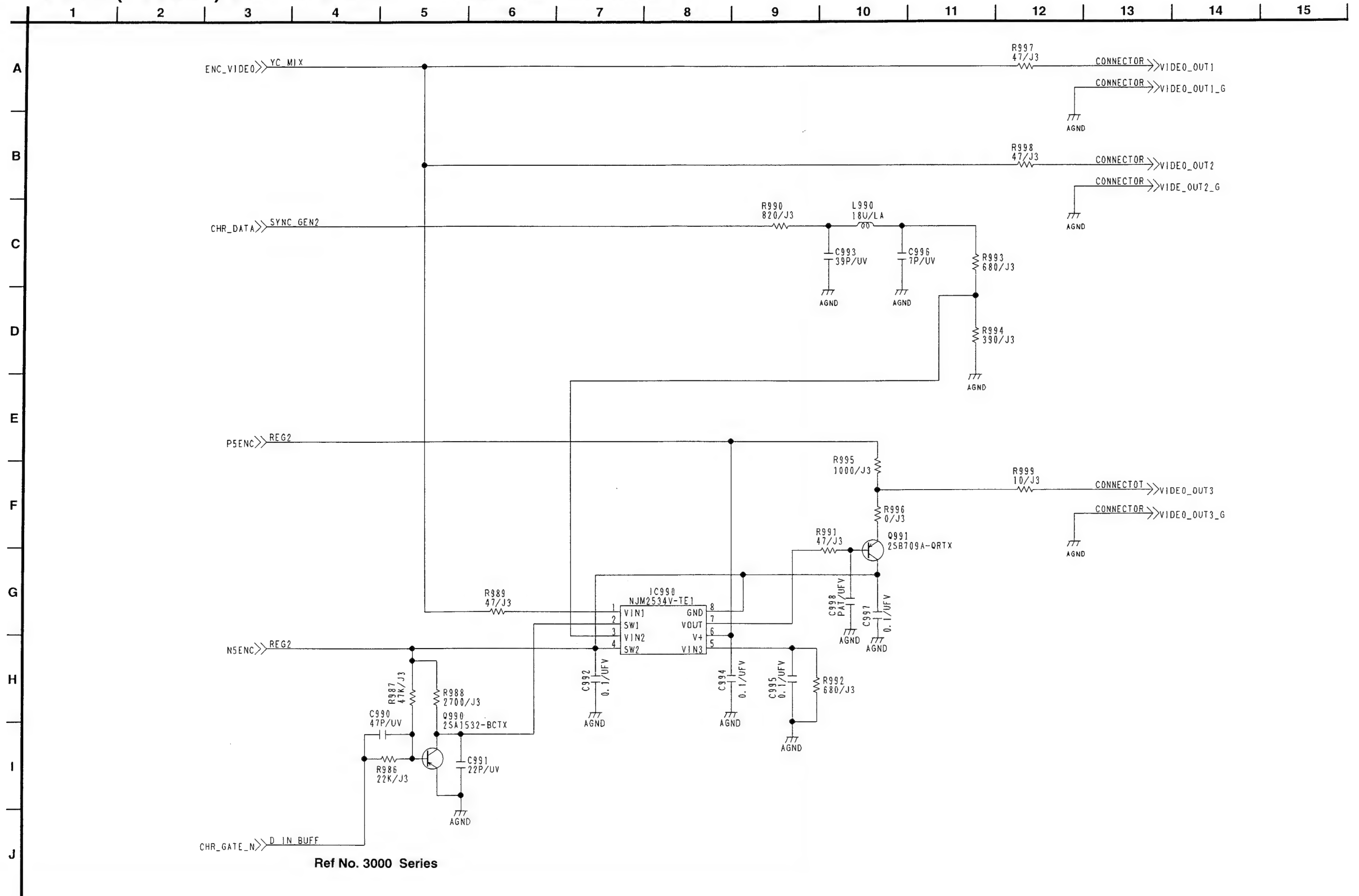


Ref No. 3000 Series

# V OUT (F4 25/27) CMPNENT BUFF SCHEMATIC DIAGRAM



# V OUT (F4 26/27) CMPSITE BUFF SCHEMATIC DIAGRAM



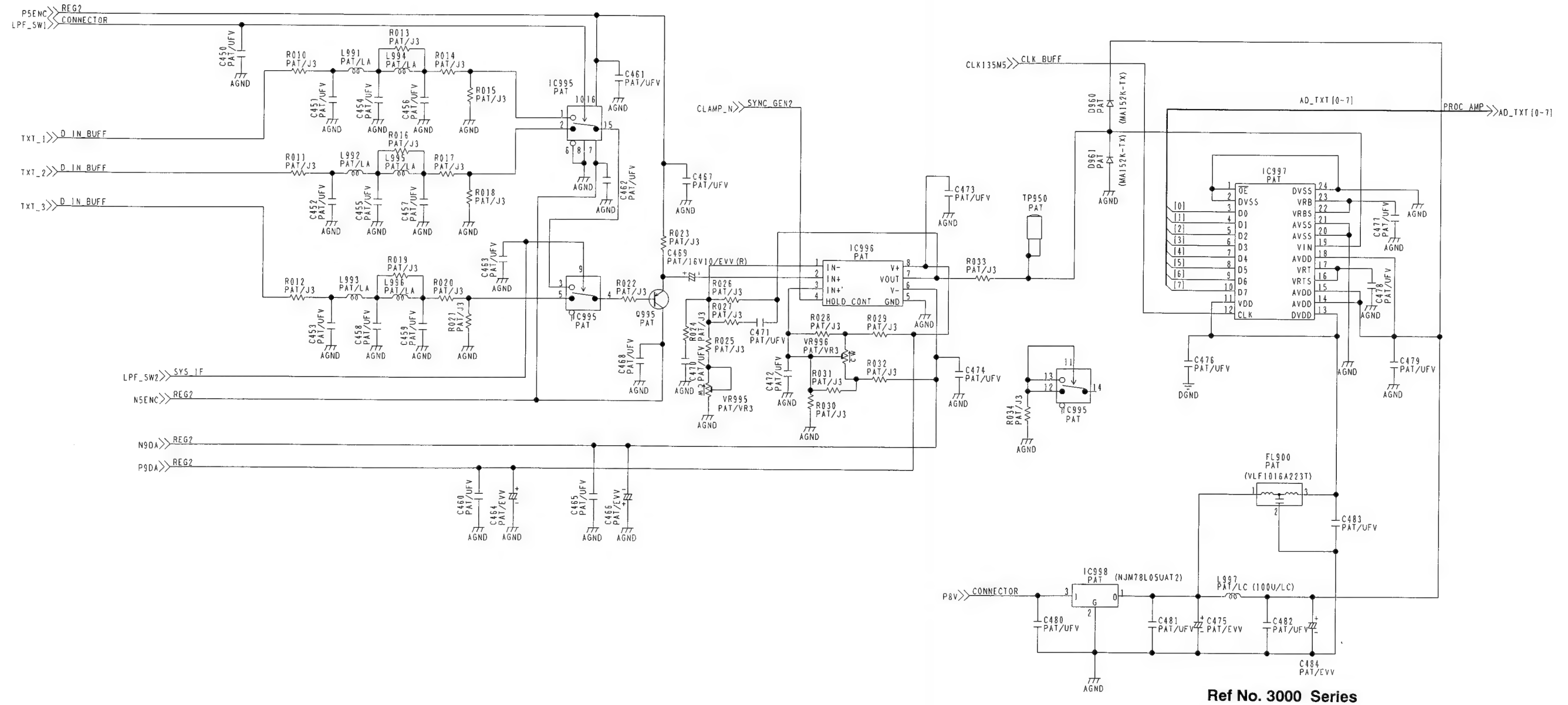
Ref No. 3000 Series



# V OUT (F4 27/27) TXT AD SCHEMATIC DIAGRAM

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

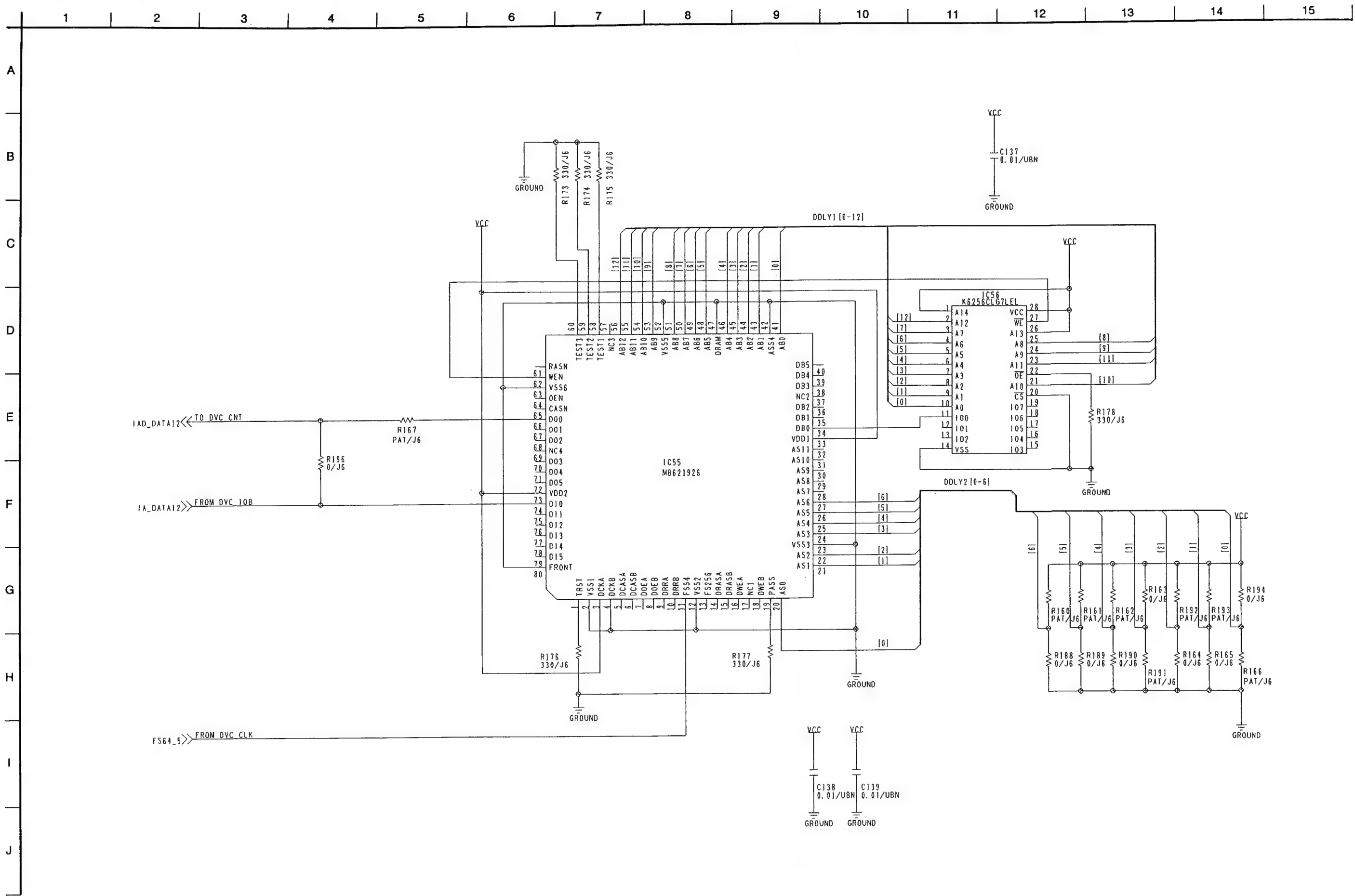
A  
B  
C  
D  
E  
F  
G  
H  
I  
J



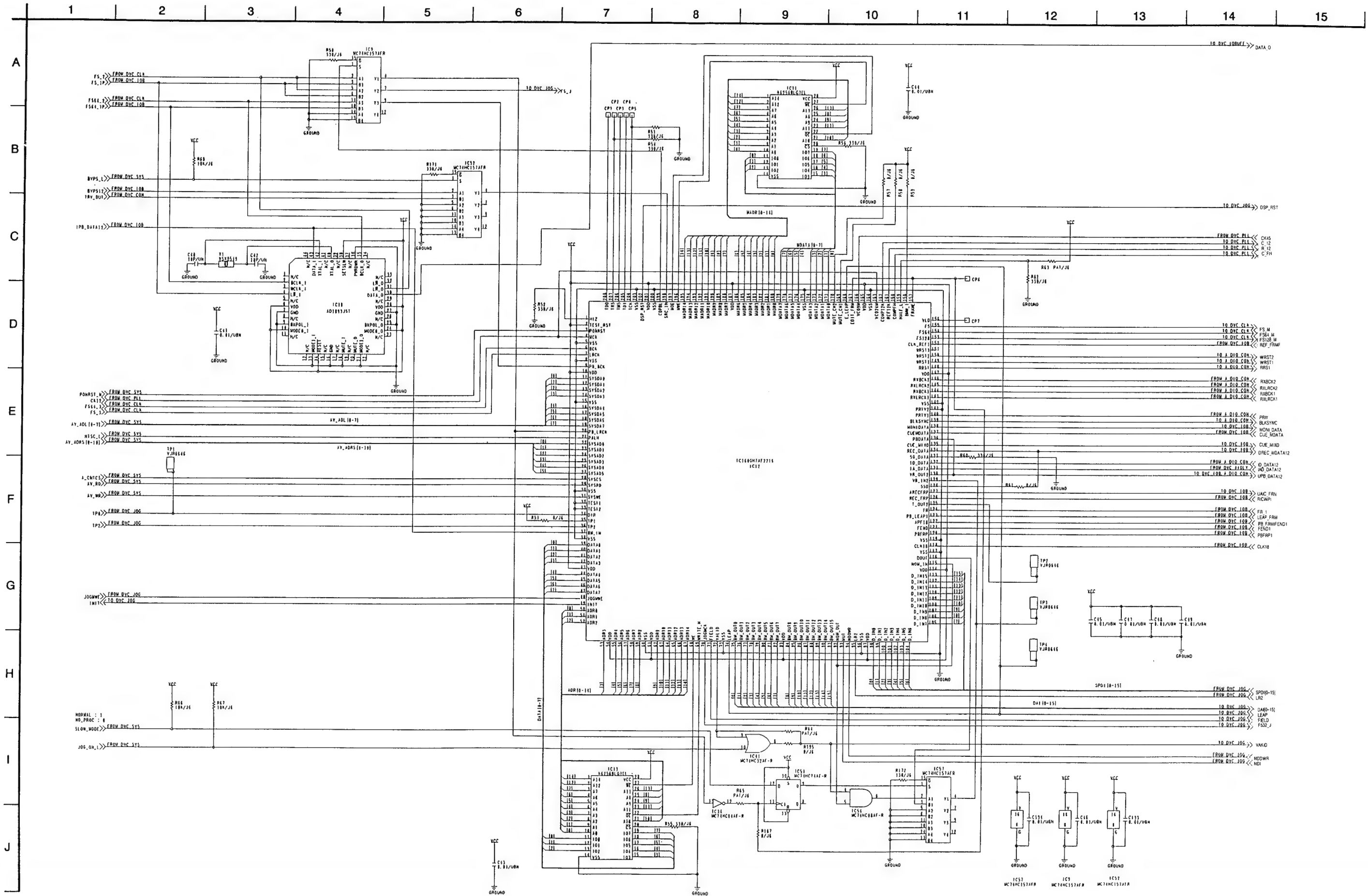




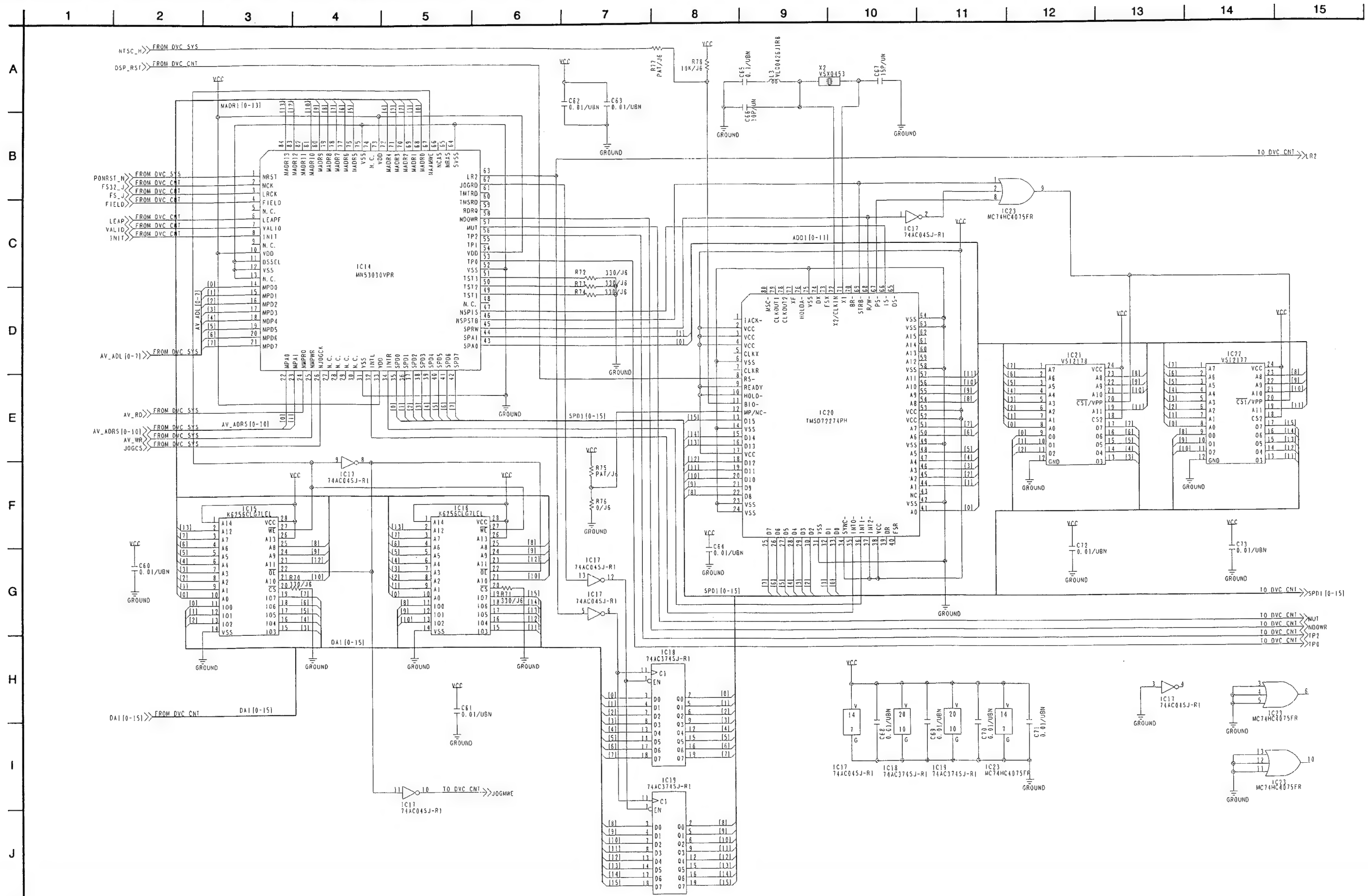
A PROC (3/13) AIN DLY SCHEMATIC DIAGRAM



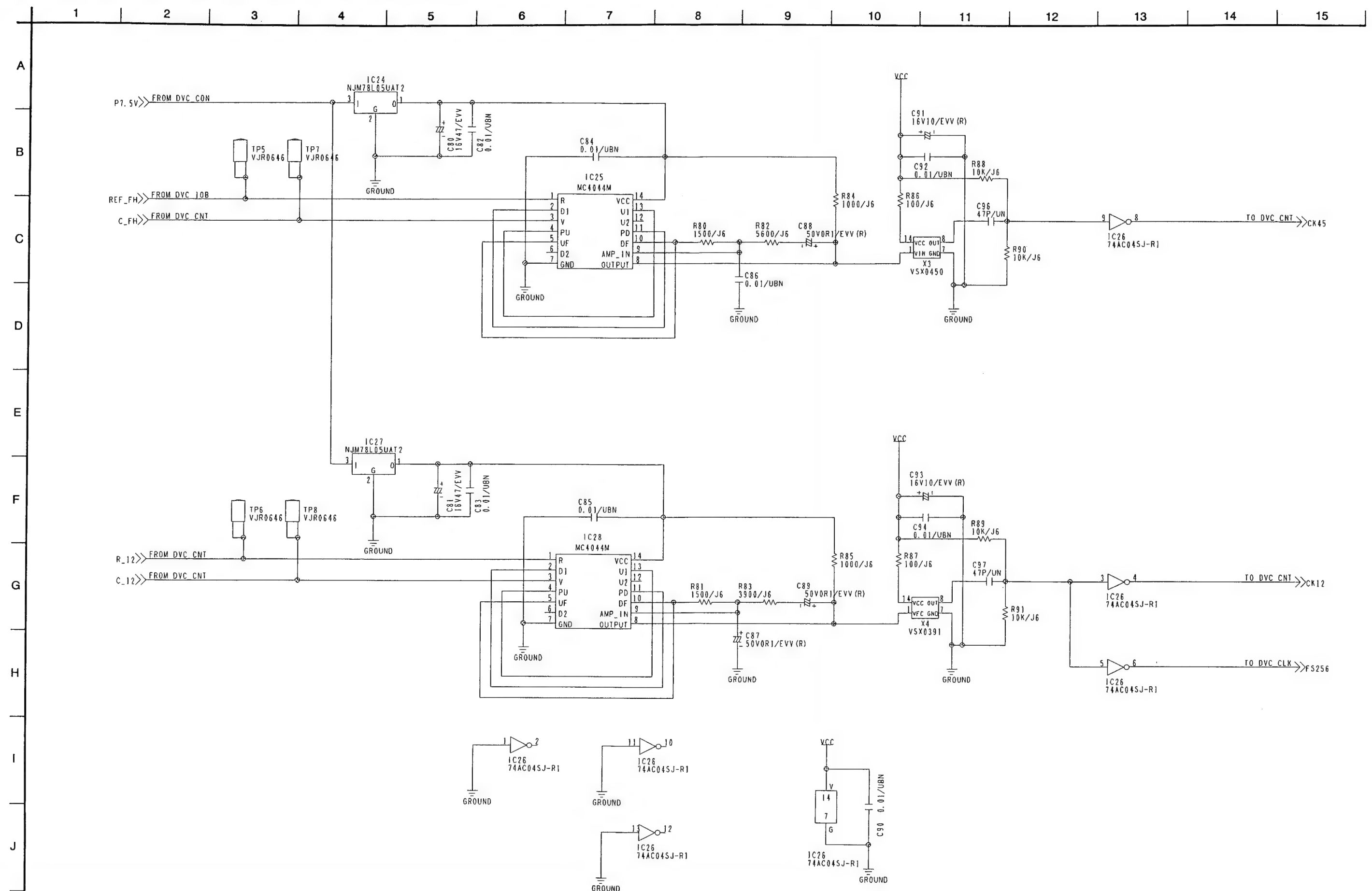
A PROC (4/13) AUDIO CNT SCHEMATIC DIAGRAM



# A PROC (5/13) SLOW CTL SCHEMATIC DIAGRAM

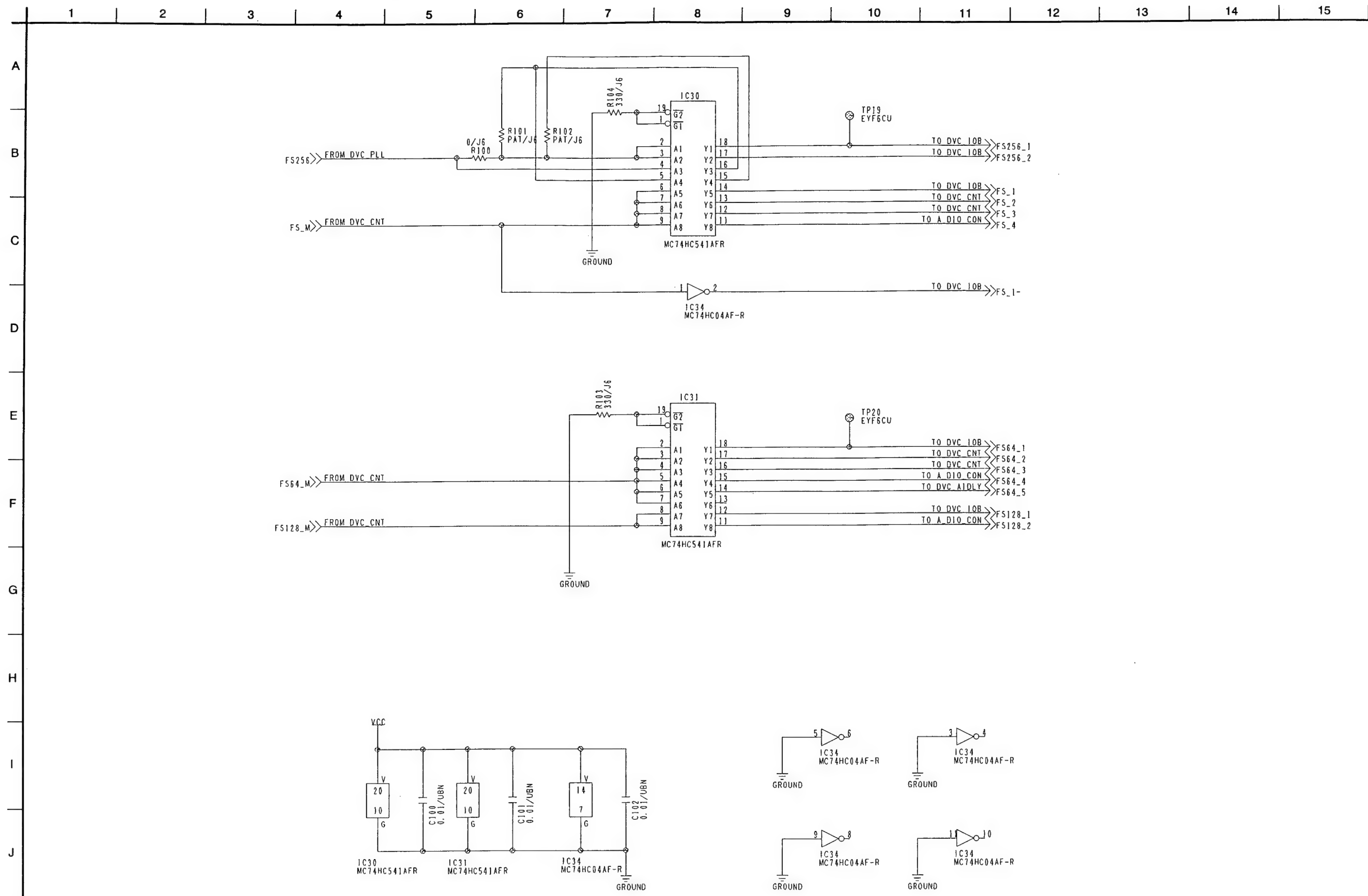


# A PROC (6/13) PLL SCHEMATIC DIAGRAM

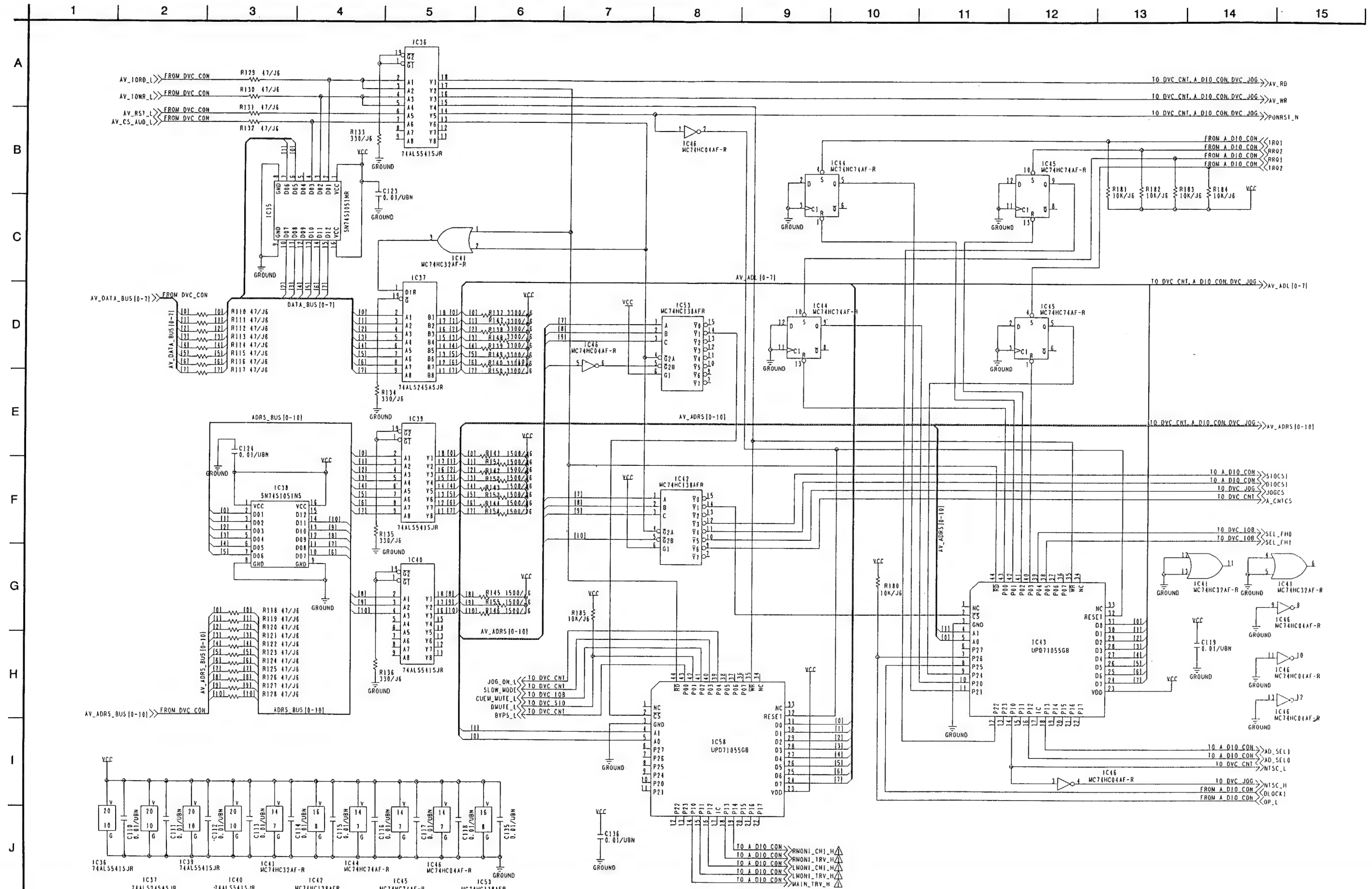




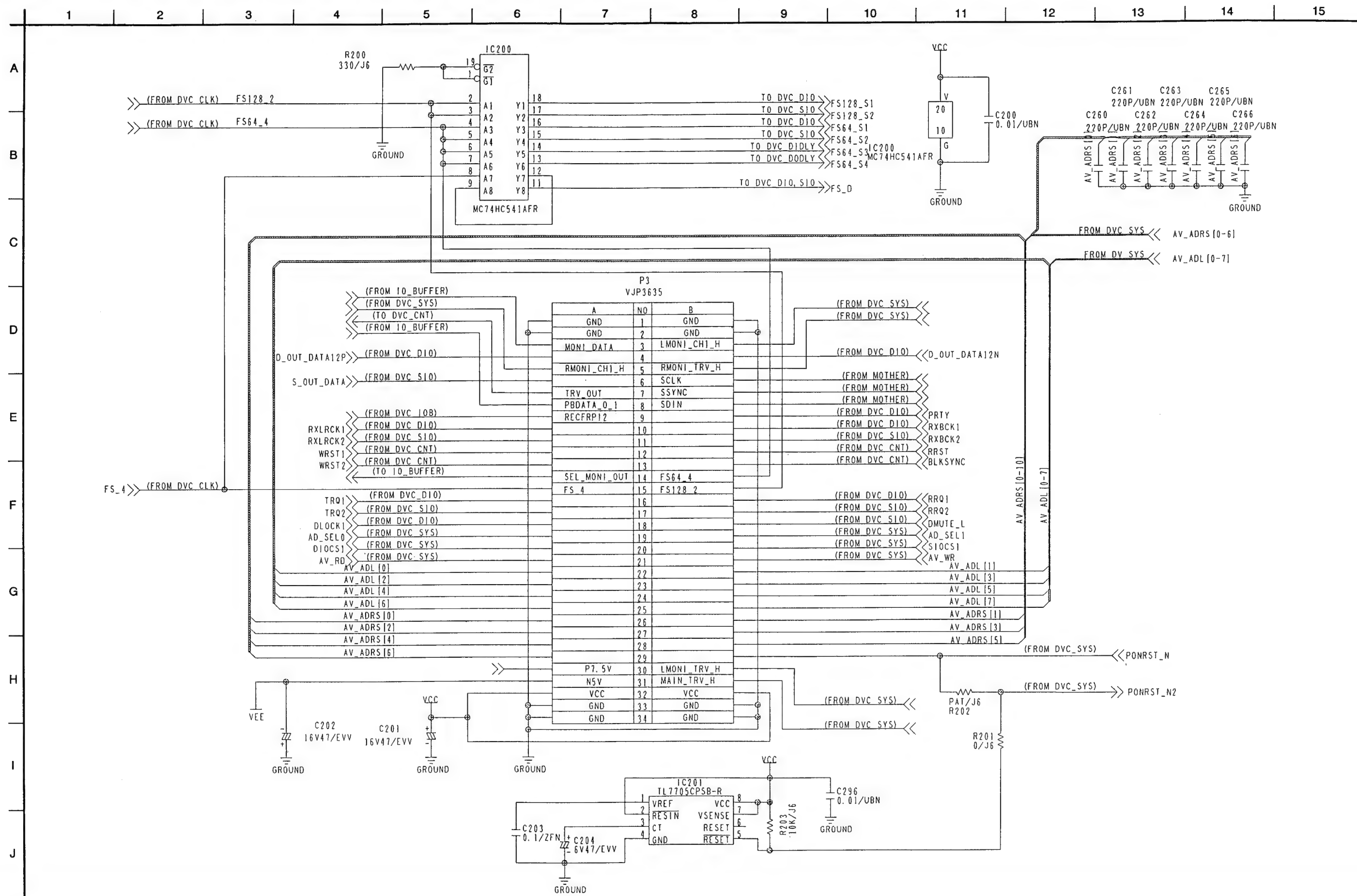
A PROC (7/13) CLK BUFFER SCHEMATIC DIAGRAM



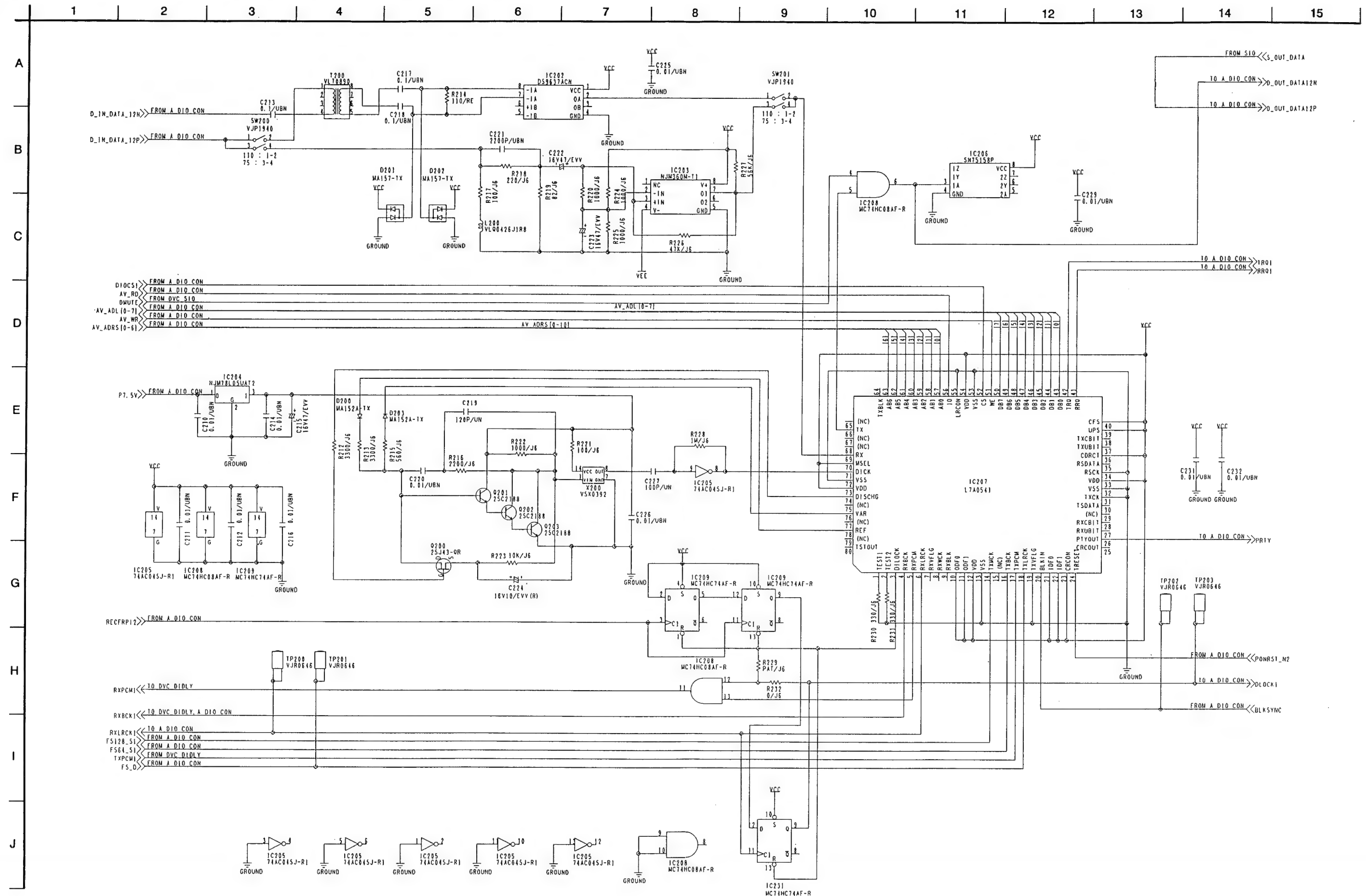
# A PROC (8/13) SYS IF SCHEMATIC DIAGRAM



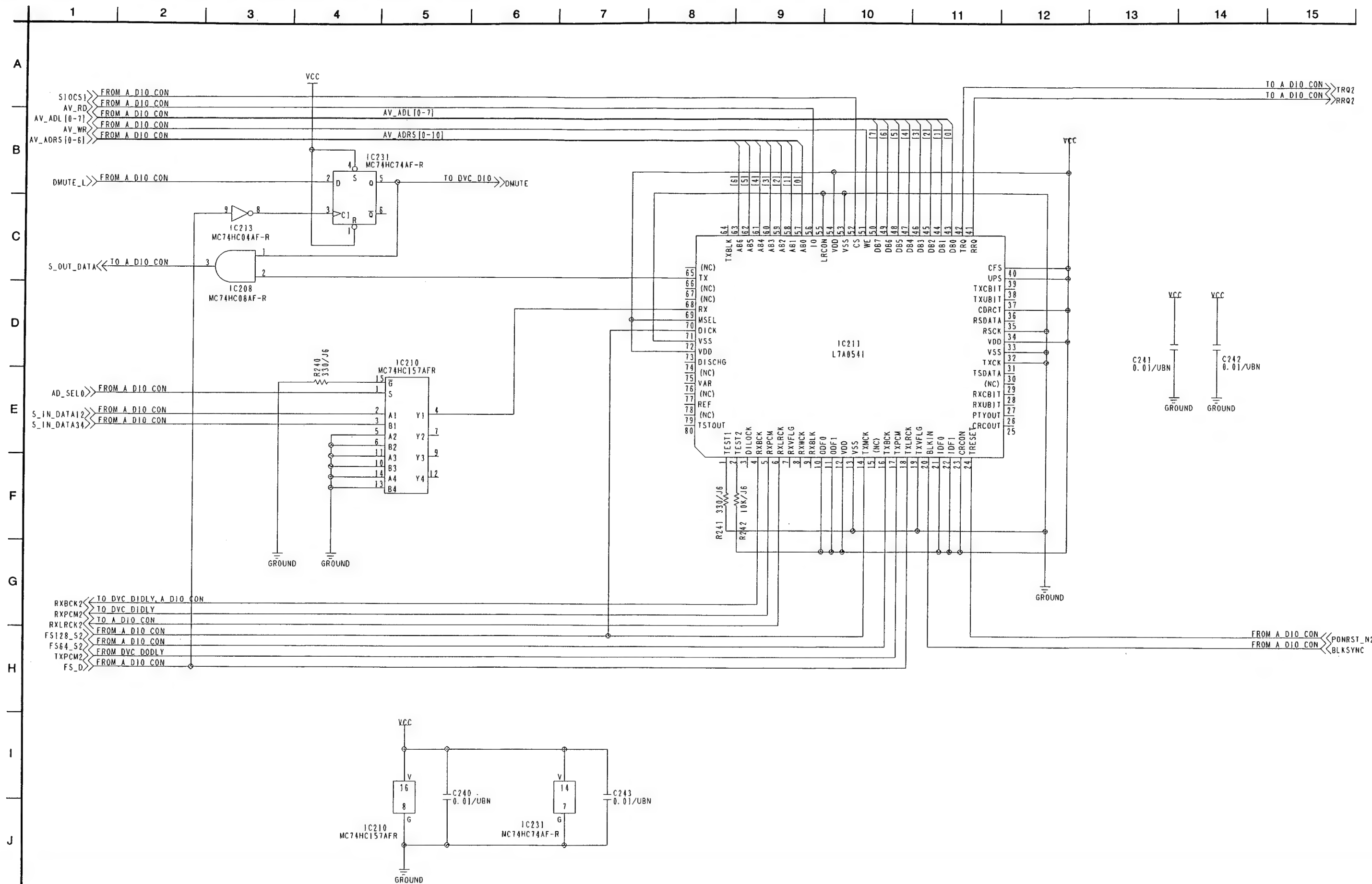
# A PROC (9/13) DIO CONNECTOR SCHEMATIC DIAGRAM



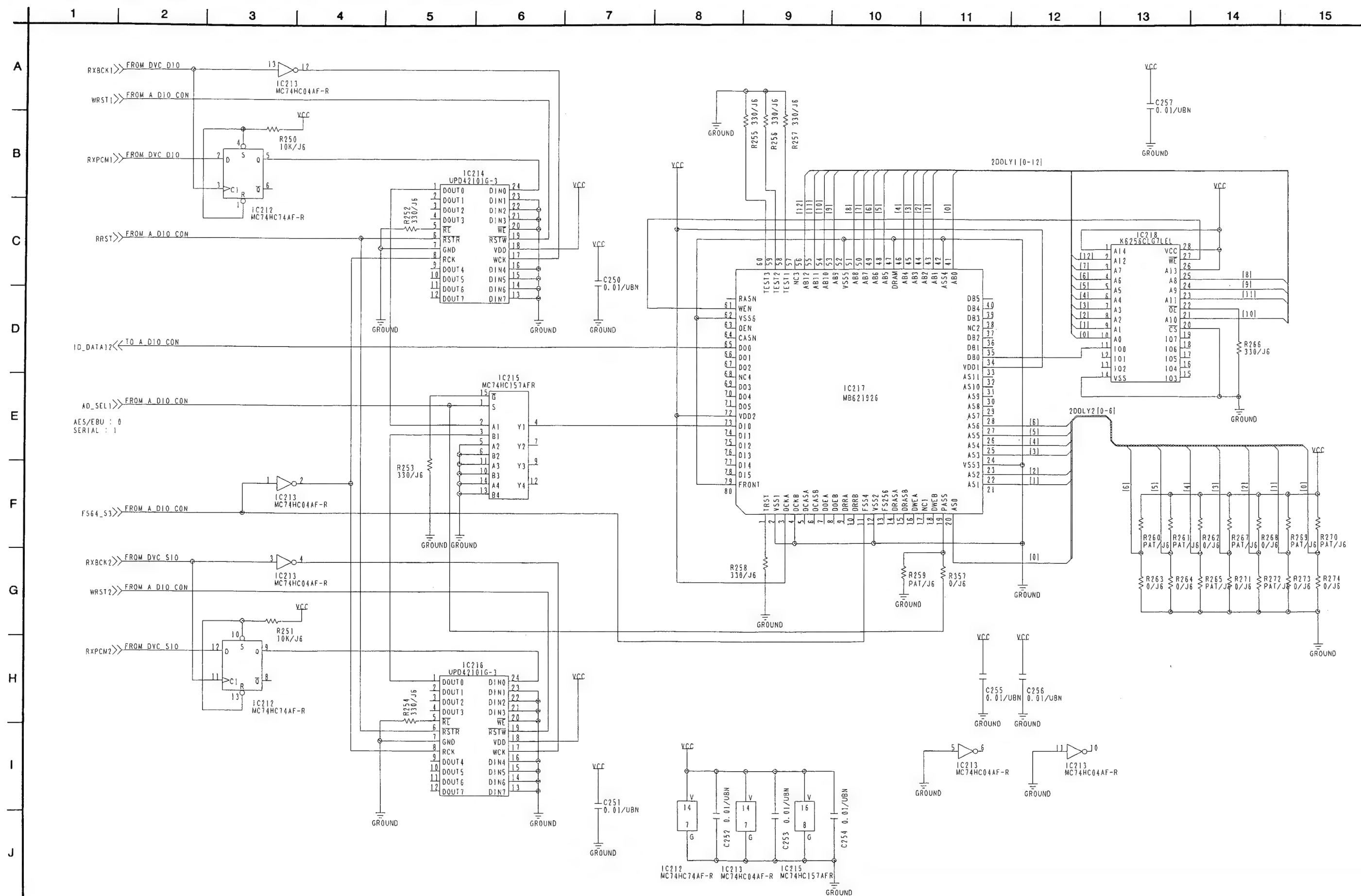
## A PROC (10/13) DIO SCHEMATIC DIAGRAM



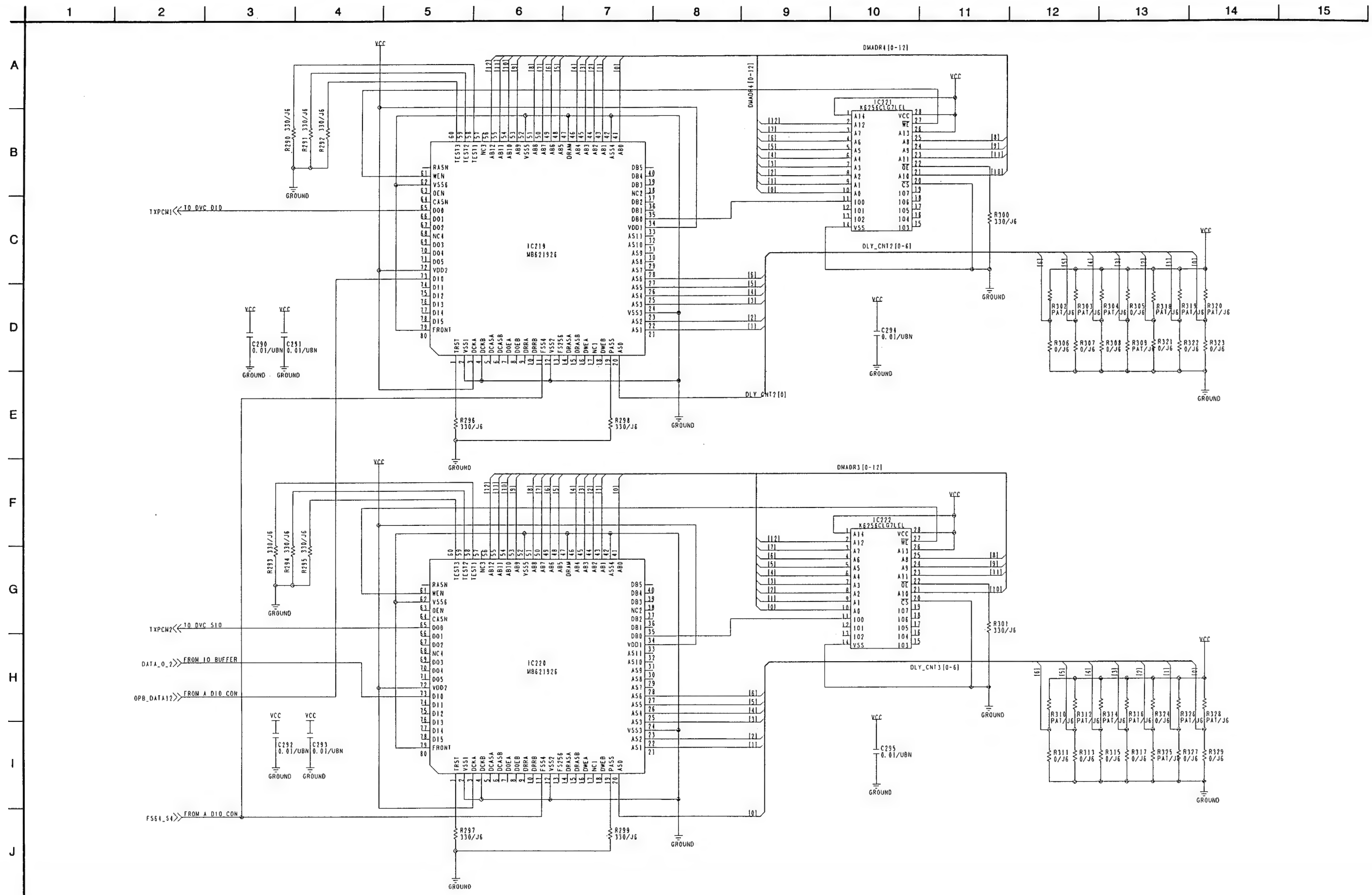
A PROC (11/13) SIO SCHEMATIC DIAGRAM



# A PROC (12/13) DIN DLY SCHEMATIC DIAGRAM

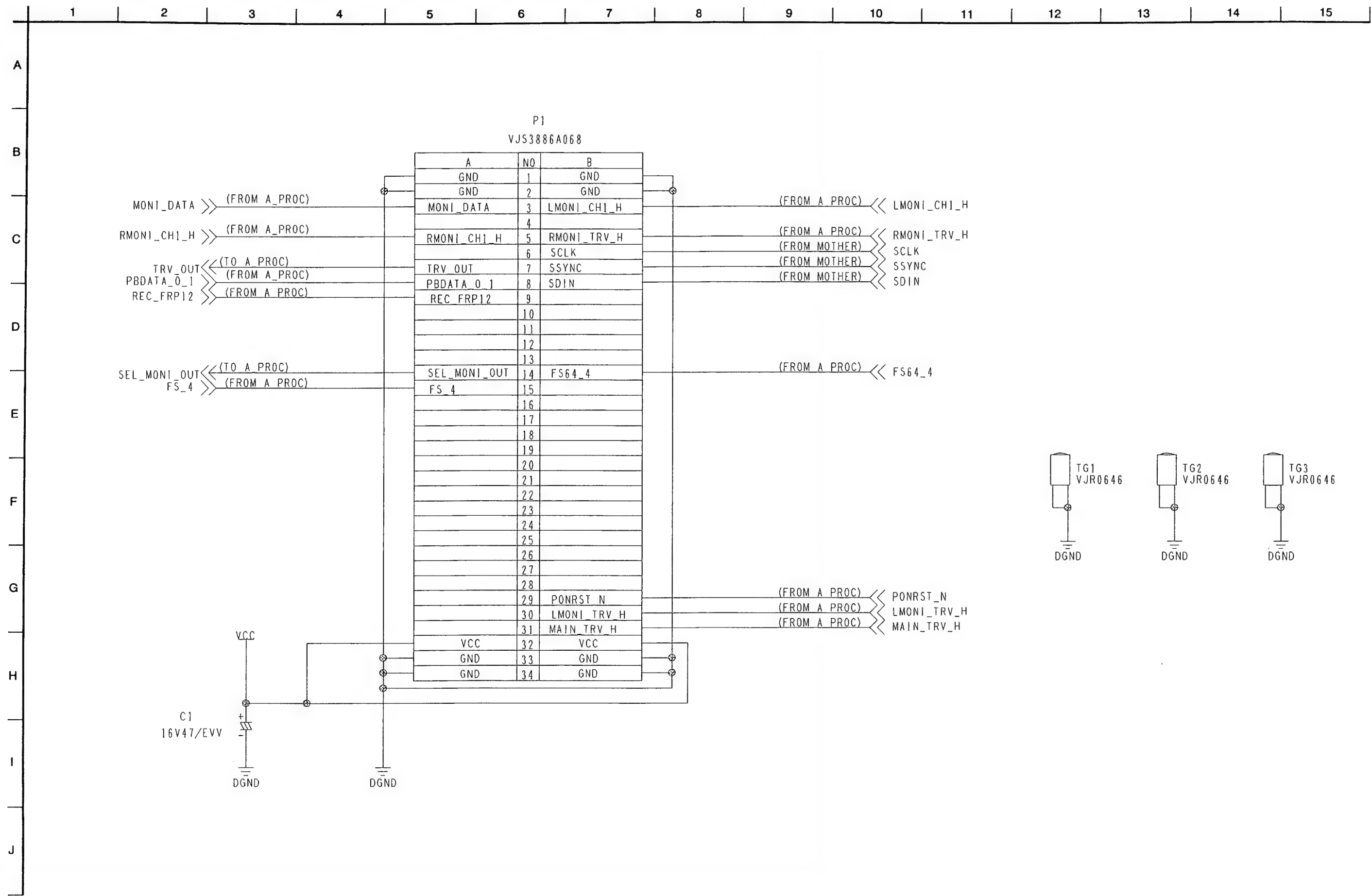


# A PROC (13/13) DOUT DLY SCHEMATIC DIAGRAM



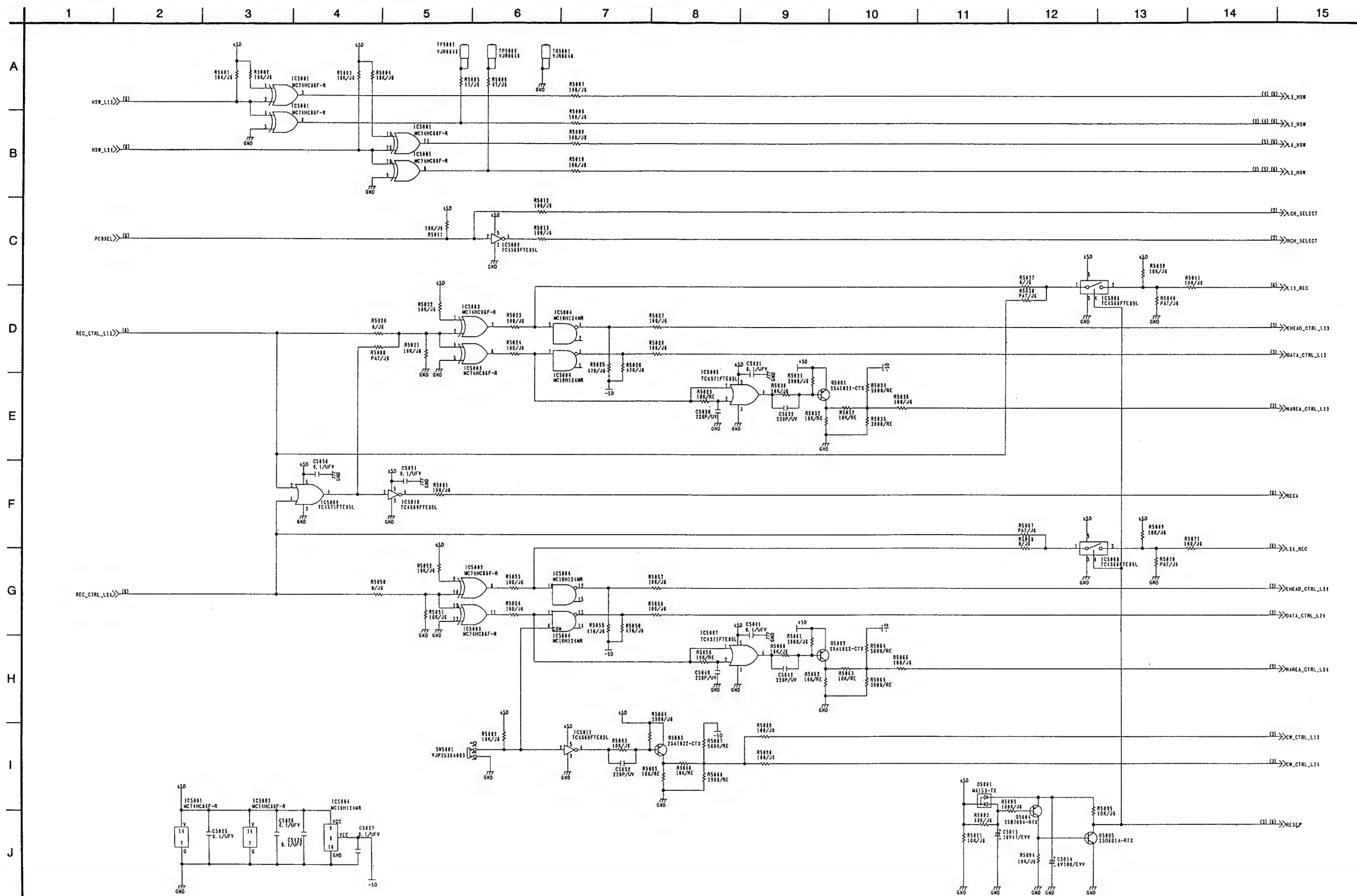


MONITOR SUB (1/2) CONNECTOR SCHEMATIC DIAGRAM

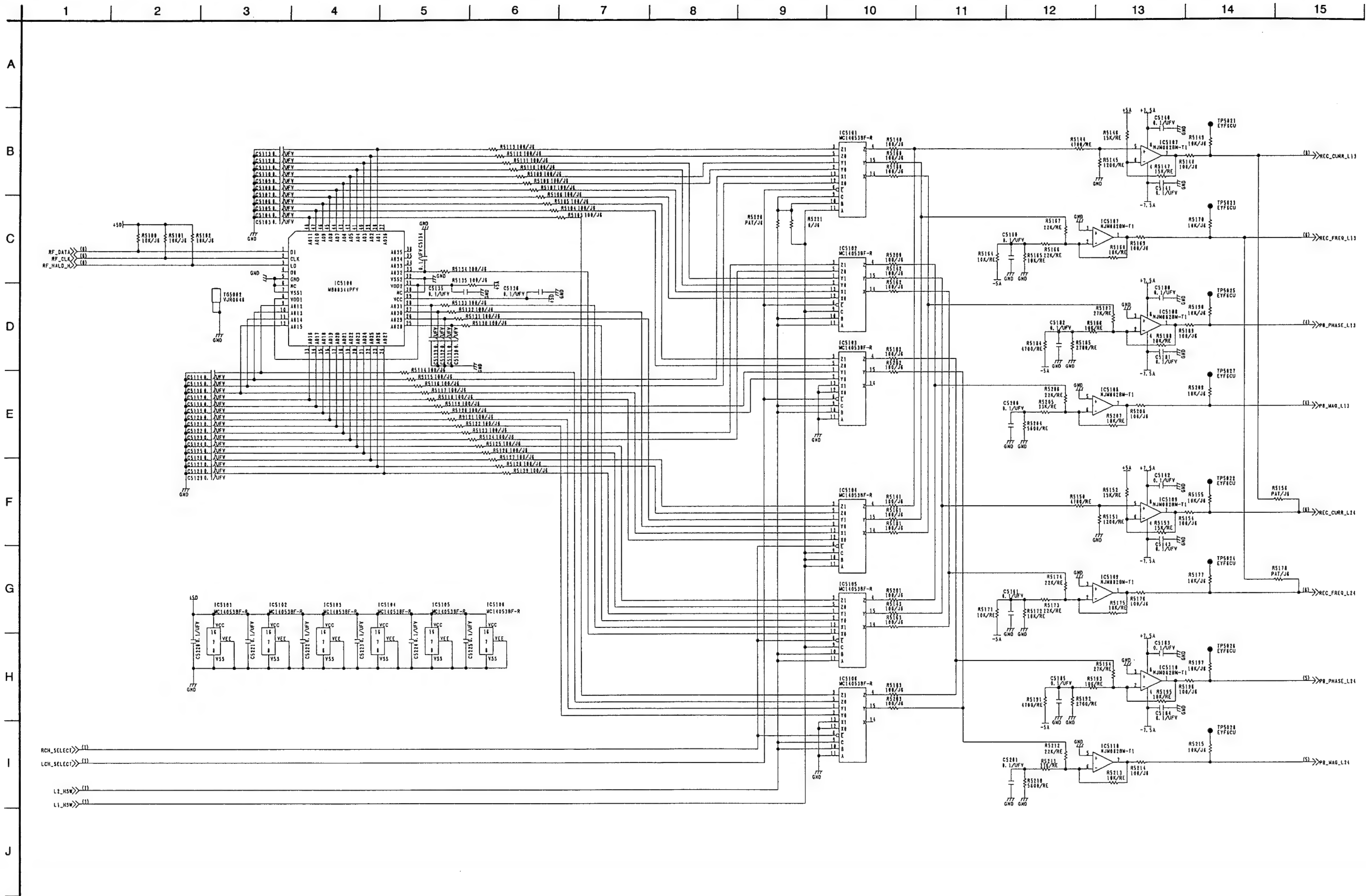




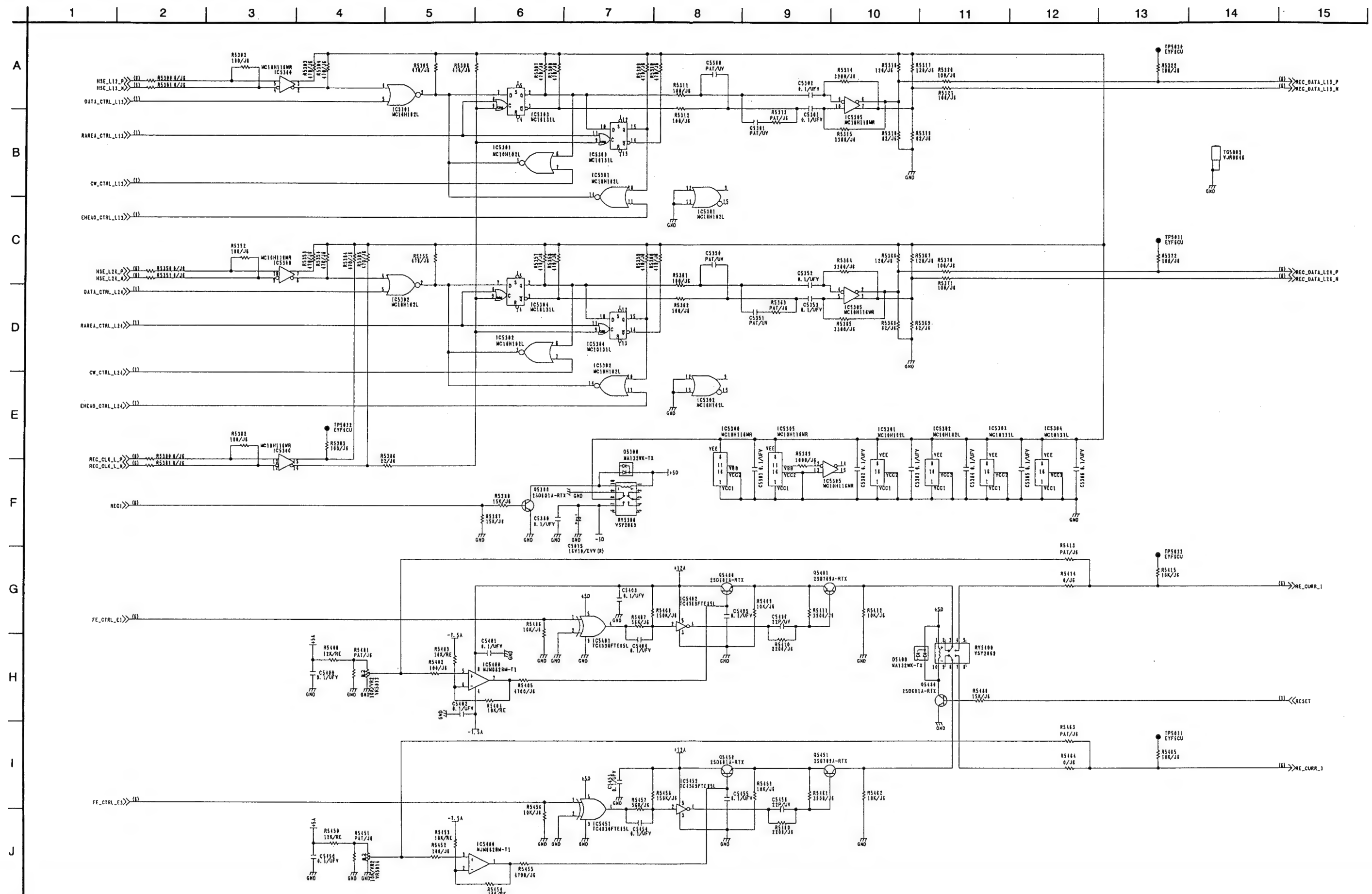
## RF BUFFER (1, 2) (1/6) SCHEMATIC DIAGRAM



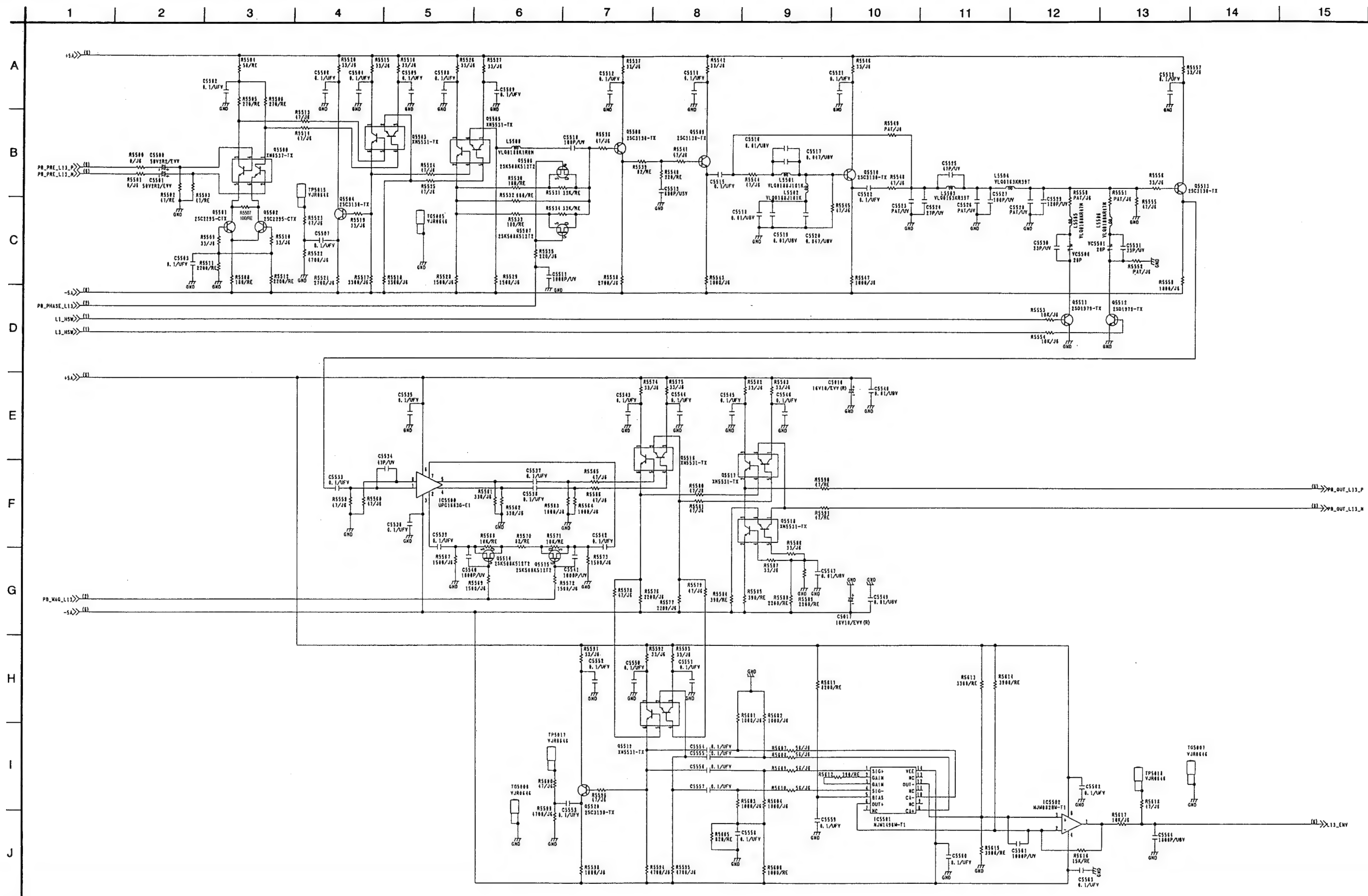
## RF BUFFER (1, 2) (2/6) SCHEMATIC DIAGRAM



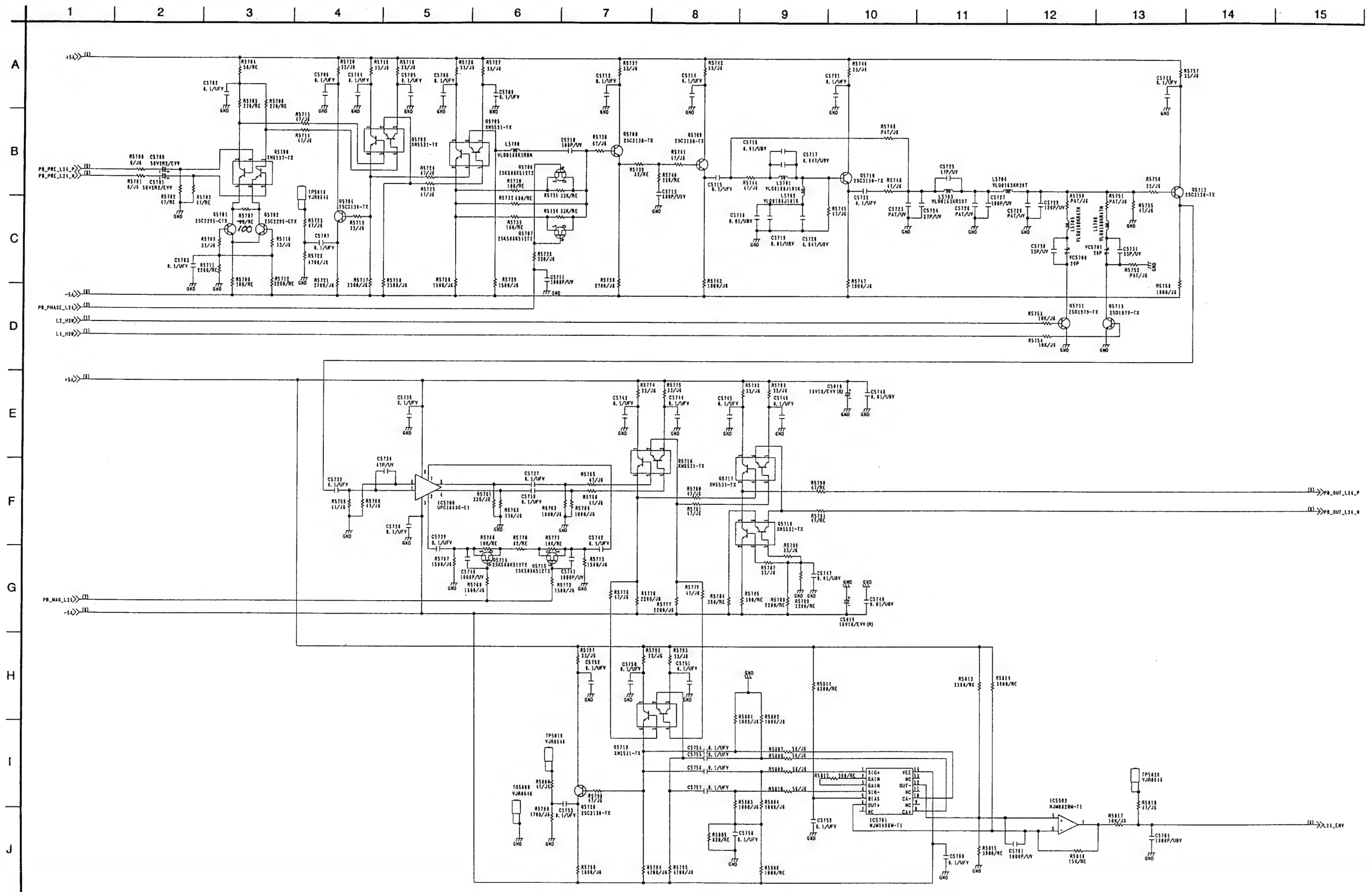
### RF BUFFER (1, 2) (3/6) SCHEMATIC DIAGRAM



### RF BUFFER (1, 2) (4/6) SCHEMATIC DIAGRAM

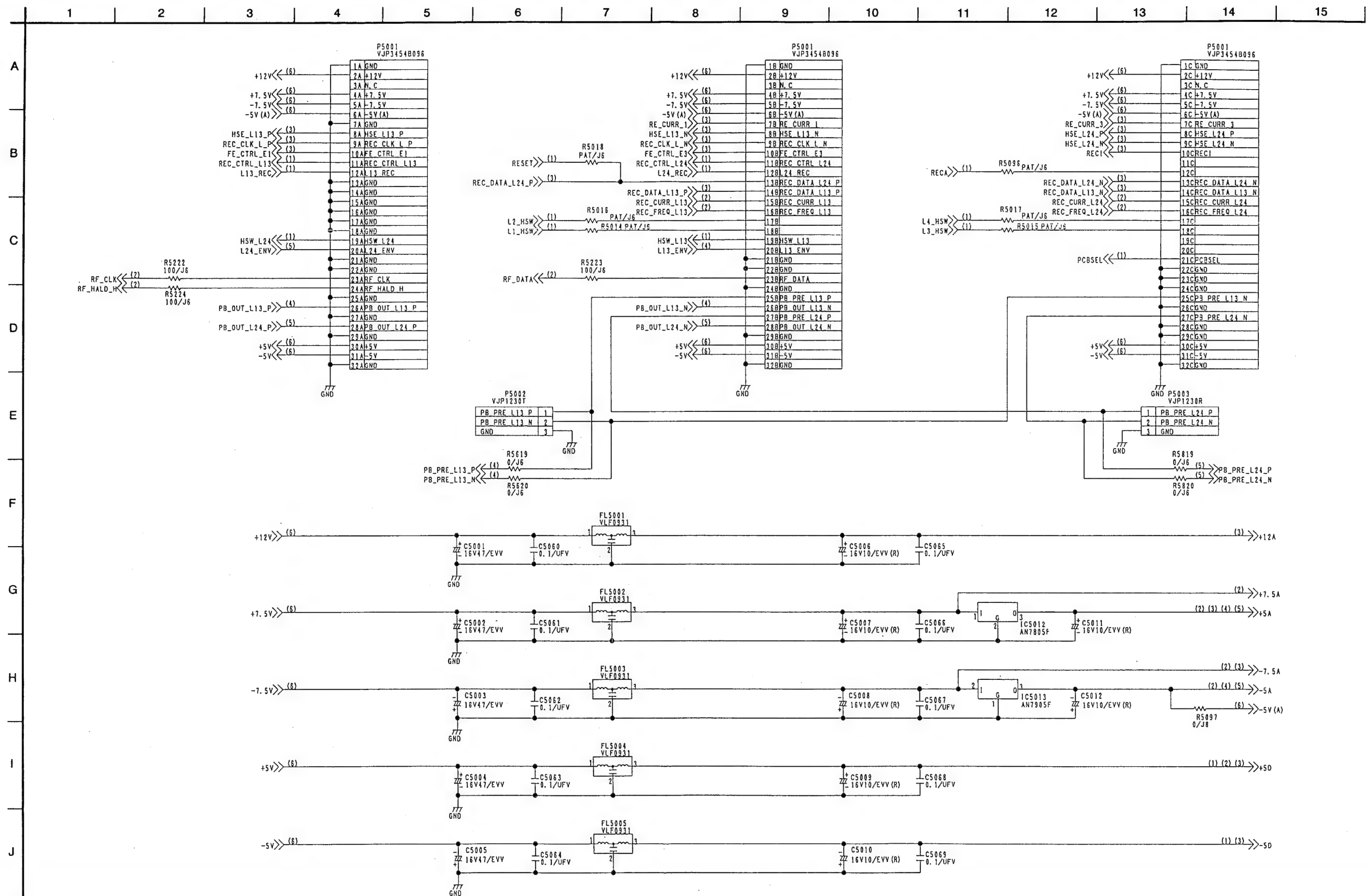


# RF BUFFER (1, 2) (5/6) SCHEMATIC DIAGRAM





## RF BUFFER (1, 2) (6/6) SCHEMATIC DIAGRAM

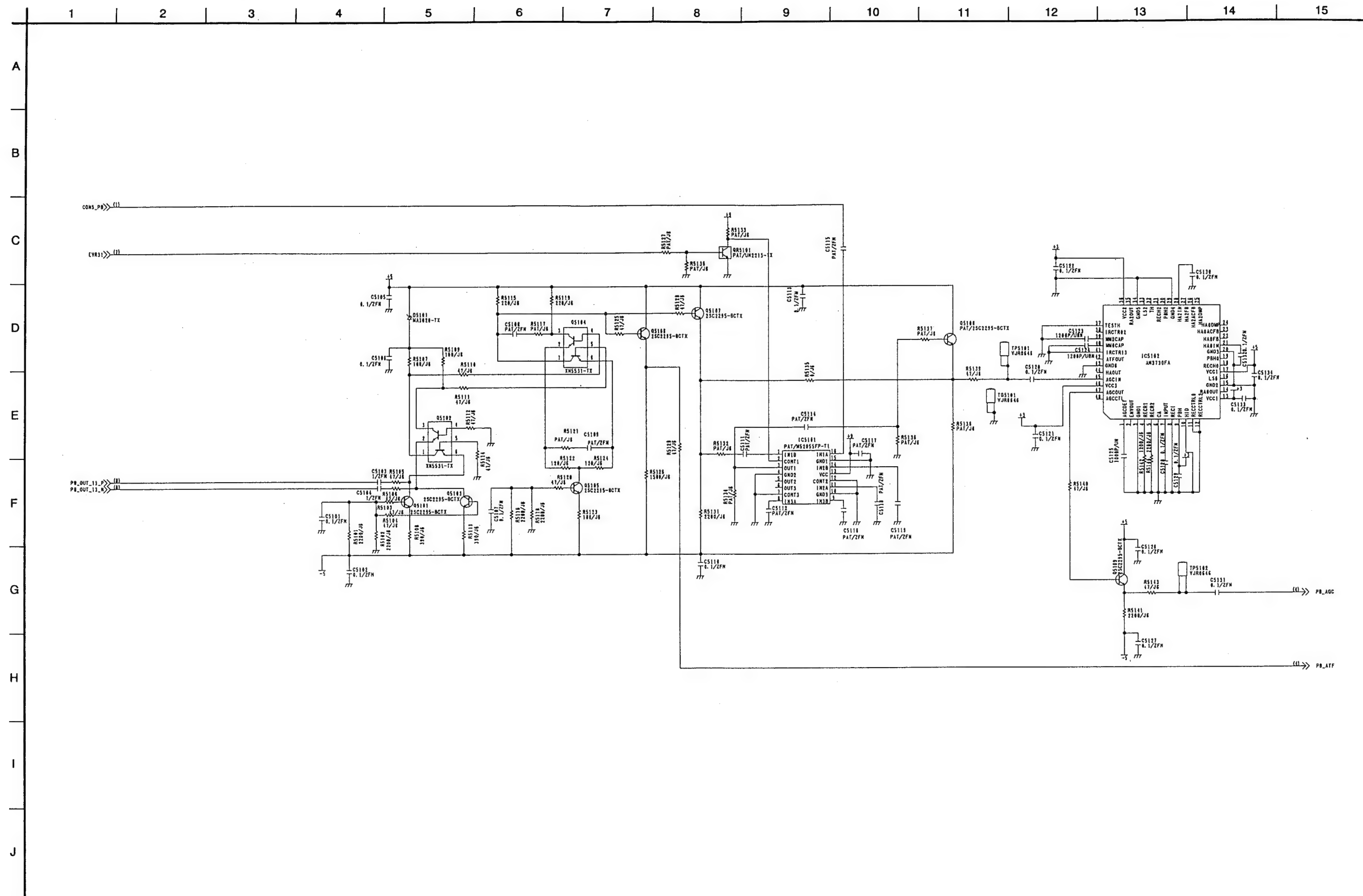


The schematic diagram illustrates the internal architecture of the AD7714 ADC, specifically the PBOUT24 and PBOUT24N channels. The circuit is organized into several functional blocks:

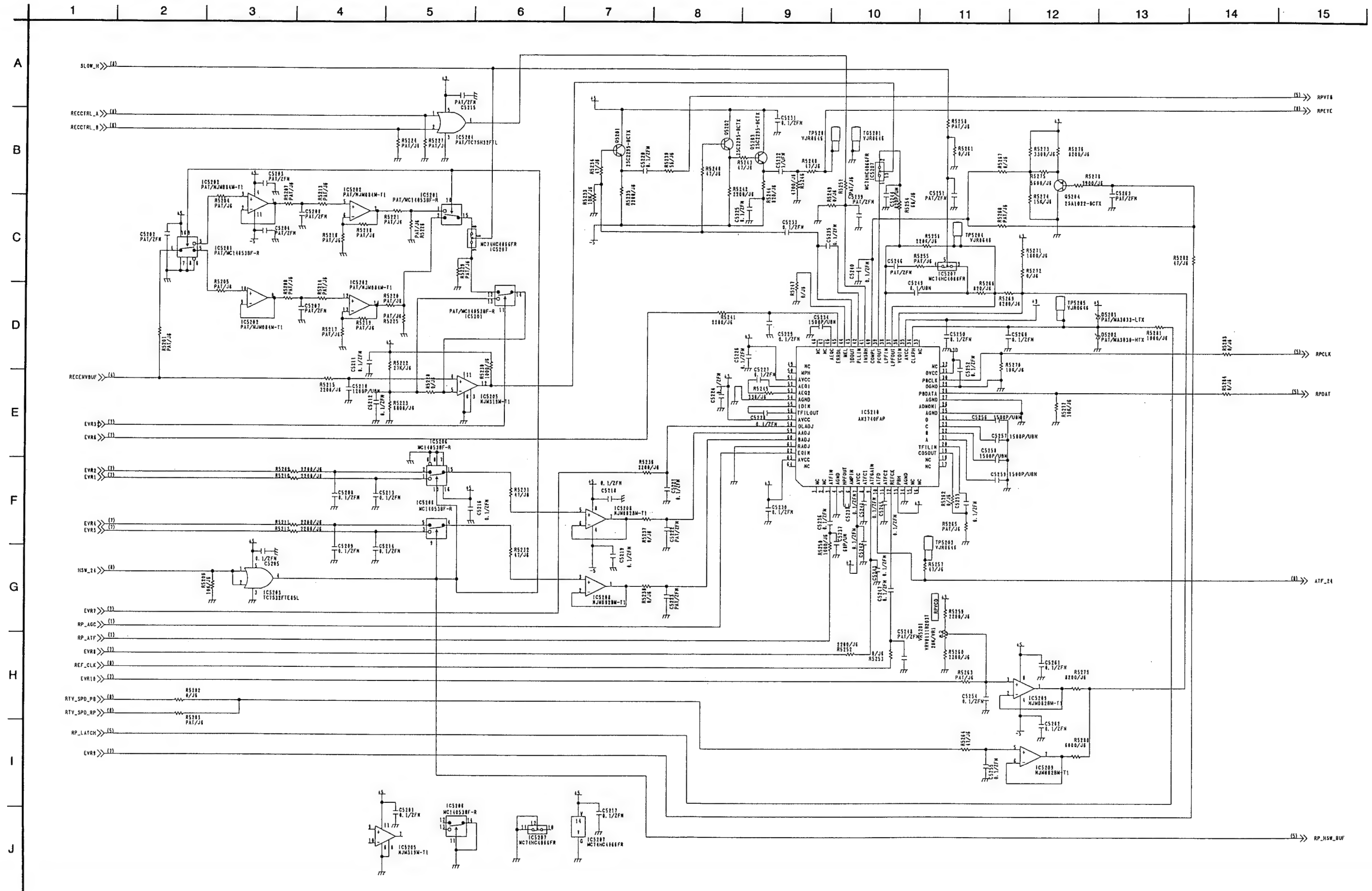
- Input Multiplexer:** This block selects the input signal for the DAC. It is controlled by the PBOUT24 and PBOUT24N signals. The multiplexer includes a 24-bit digital-to-analog converter (DAC) and a 24-bit buffer.
- Digital-to-Analog Converter (DAC):** The DAC is a 24-bit DAC with a full-scale range of 0V to 1.2V. It is implemented using a combination of resistors and capacitors.
- Output Buffer:** The output buffer is a 24-bit buffer with a full-scale range of 0V to 1.2V. It is implemented using a combination of resistors and capacitors.
- Control Logic:** The control logic is implemented using a combination of resistors and capacitors. It includes a 24-bit digital-to-analog converter (DAC) and a 24-bit buffer.

The schematic includes various components such as resistors, capacitors, and transistors, and is labeled with component values and pin numbers. The diagram is a detailed representation of the internal structure of the AD7714 ADC, showing the complex interconnections between the various functional blocks.

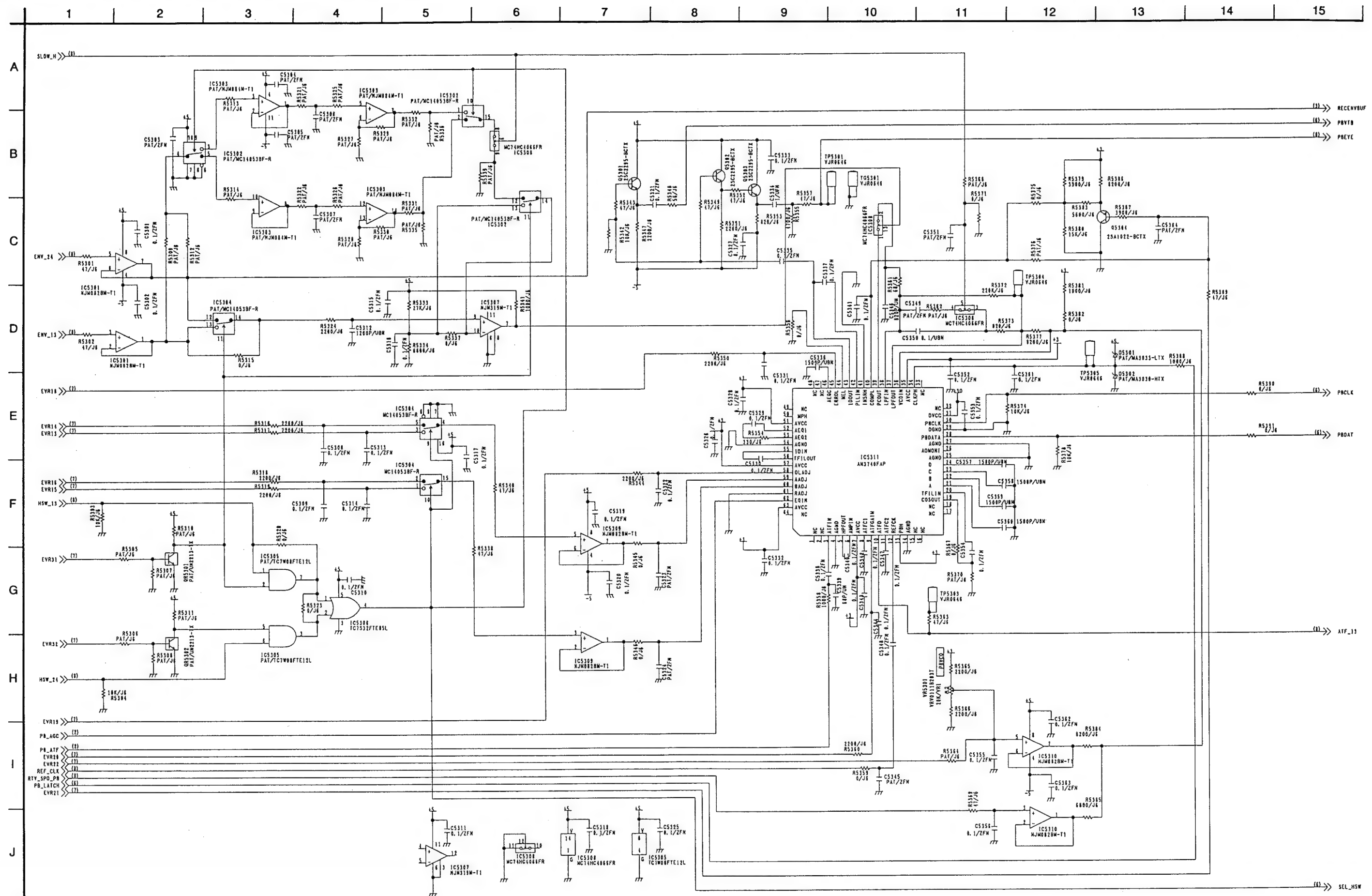
EQ (H1, H2) (2/8) SCHEMATIC DIAGRAM



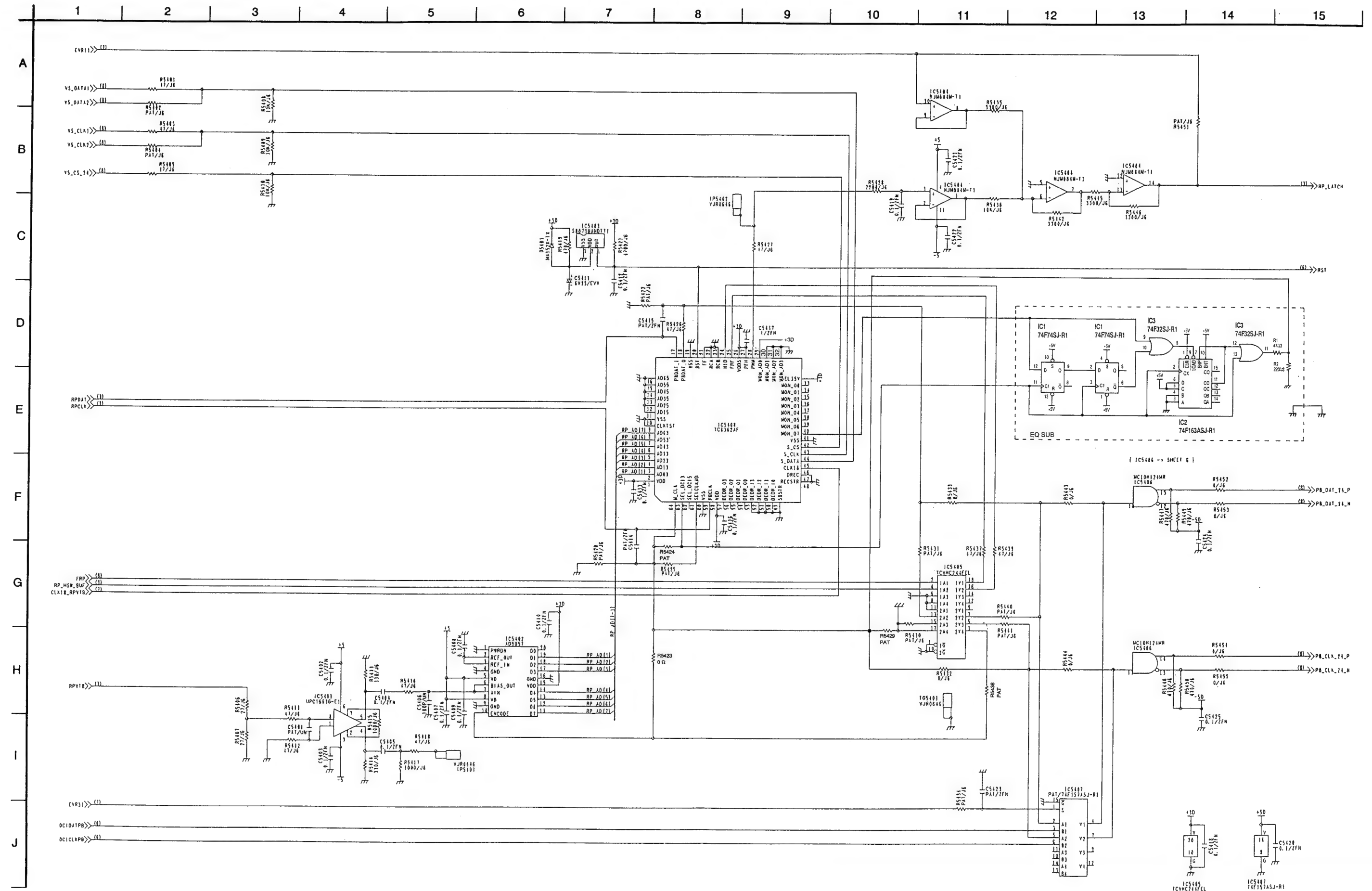
### EQ (H1, H2) (3/8) SCHEMATIC DIAGRAM



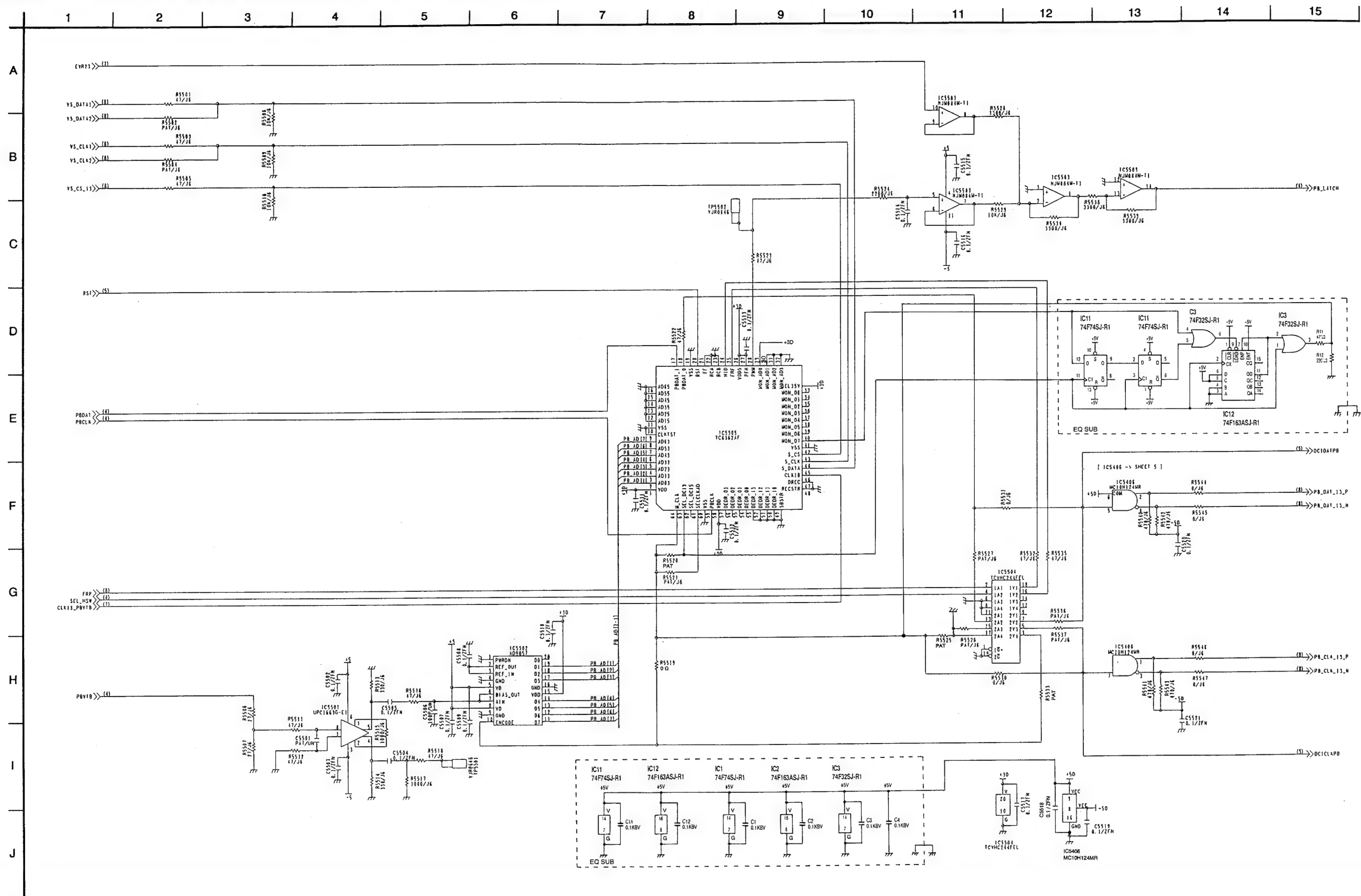
### EQ (H1, H2) (4/8) SCHEMATIC DIAGRAM



# EQ (H1, H2) (5/8) & EQ SUB SCHEMATIC DIAGRAMS

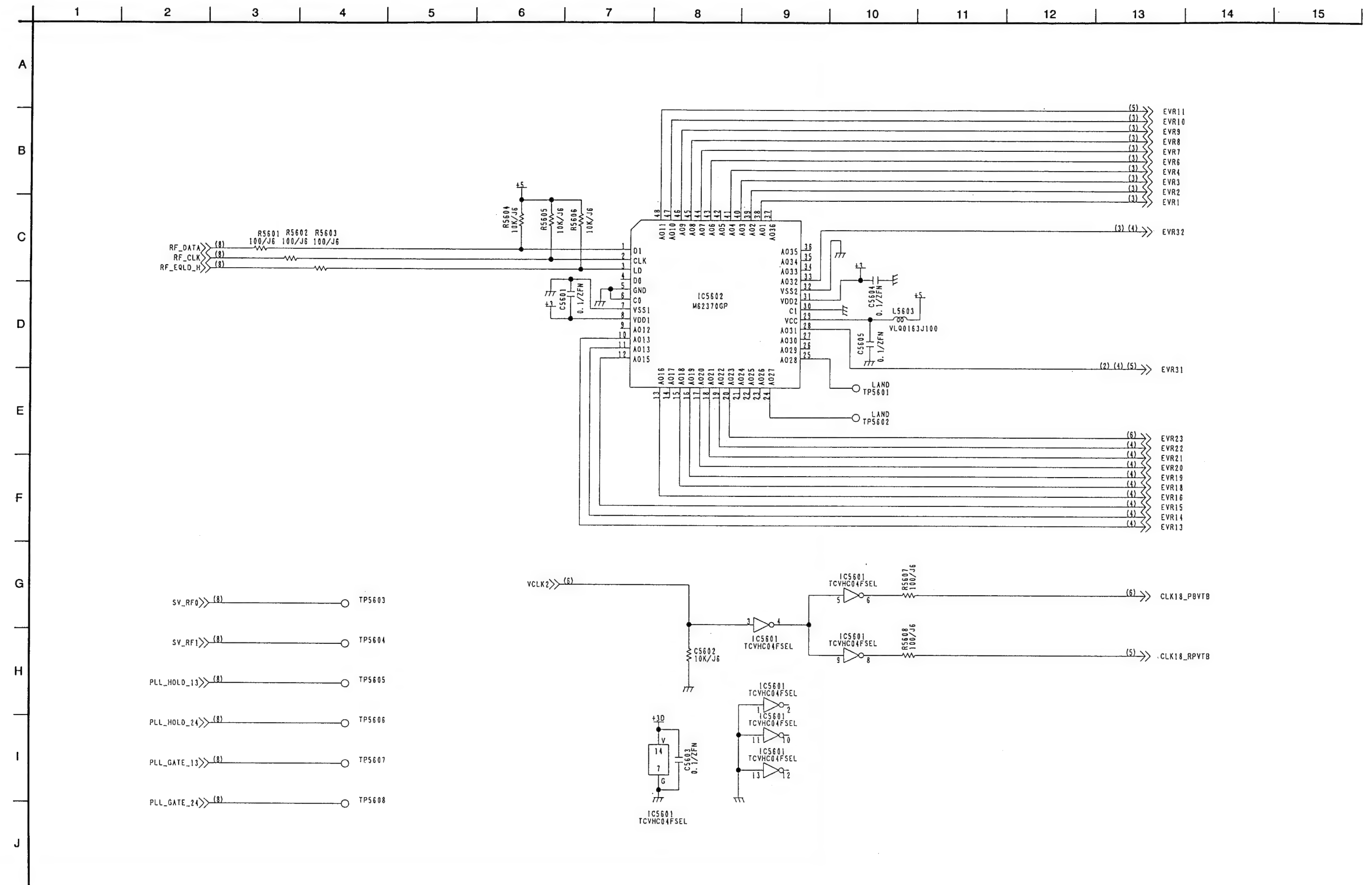


# EQ (H1, H2) (6/8) & EQ SUB SCHEMATIC DIAGRAMS

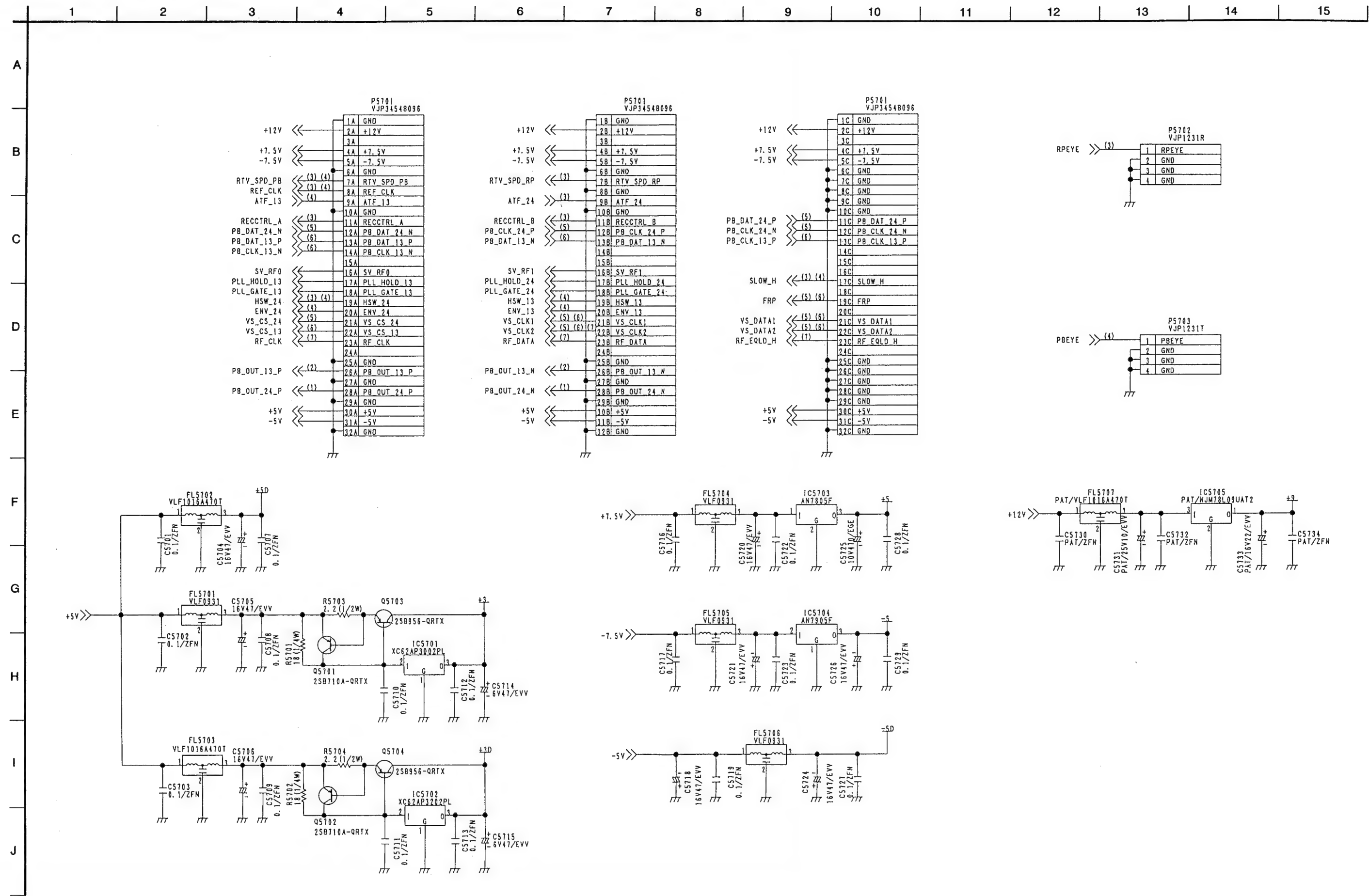




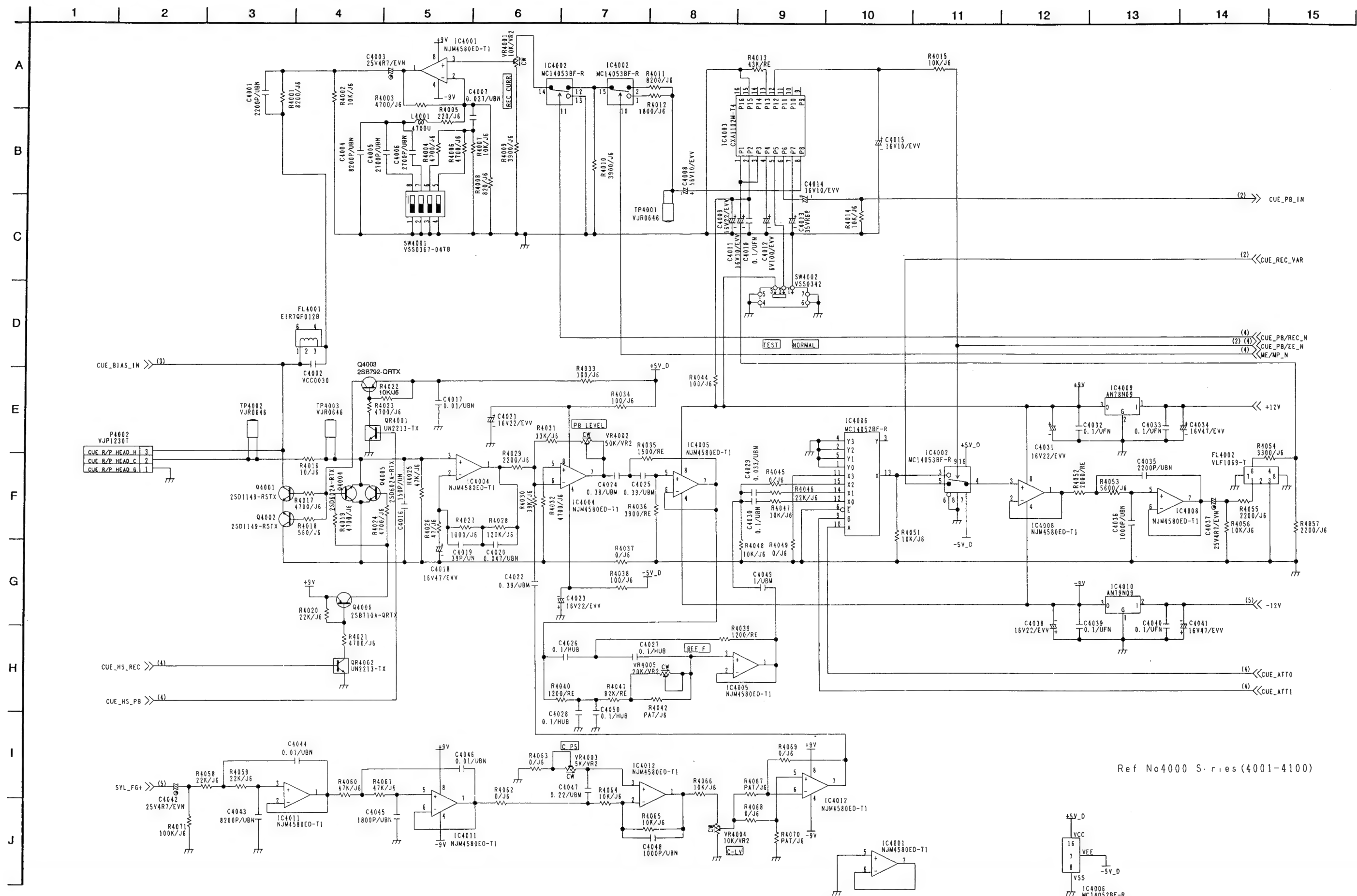
# EQ (H1, H2) (7/8) SCHEMATIC DIAGRAM



EQ (H1, H2) (8/8) SCHEMATIC DIAGRAM

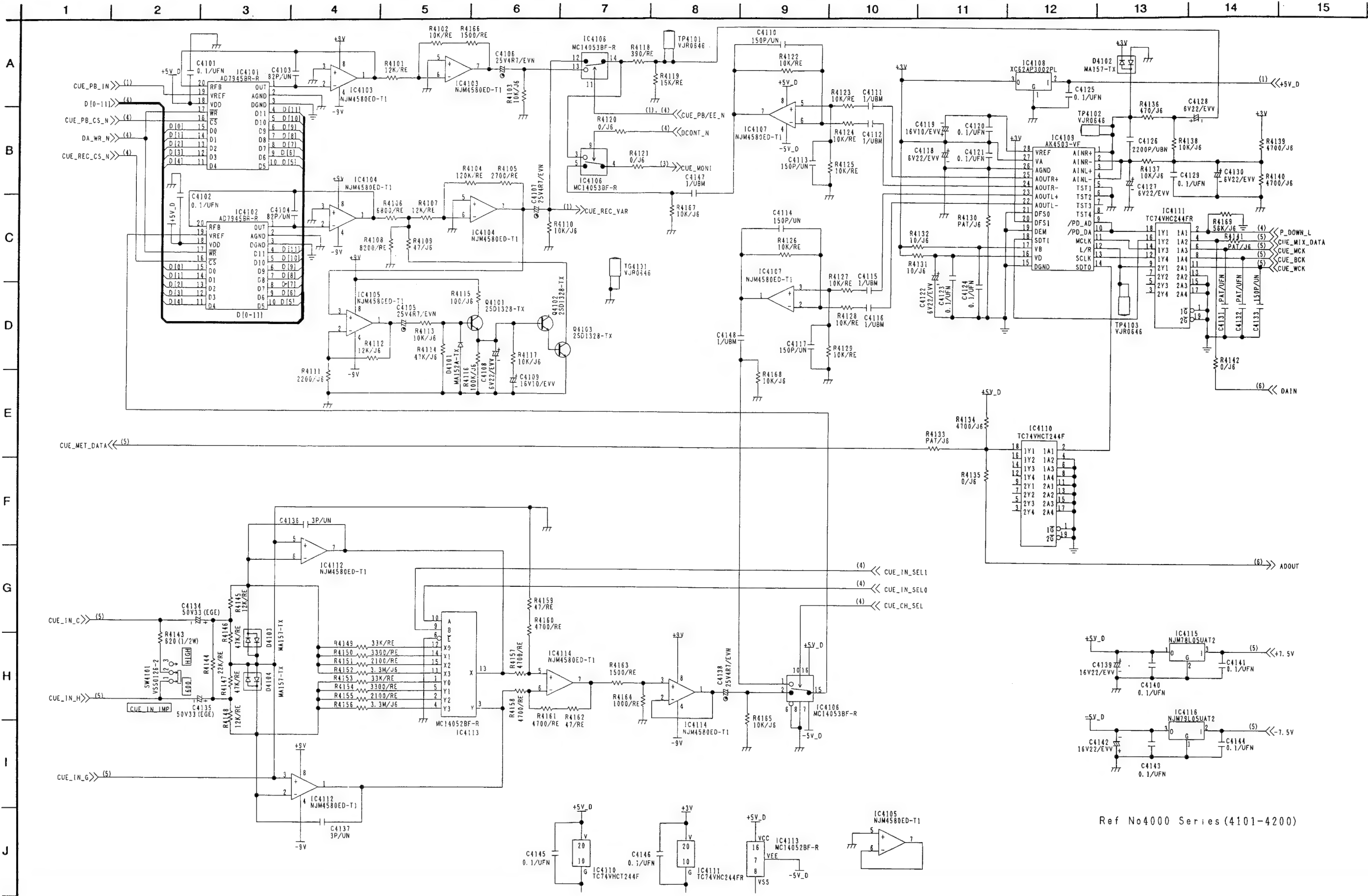


CUE (H2 1/6) SCHEMATIC DIAGRAM

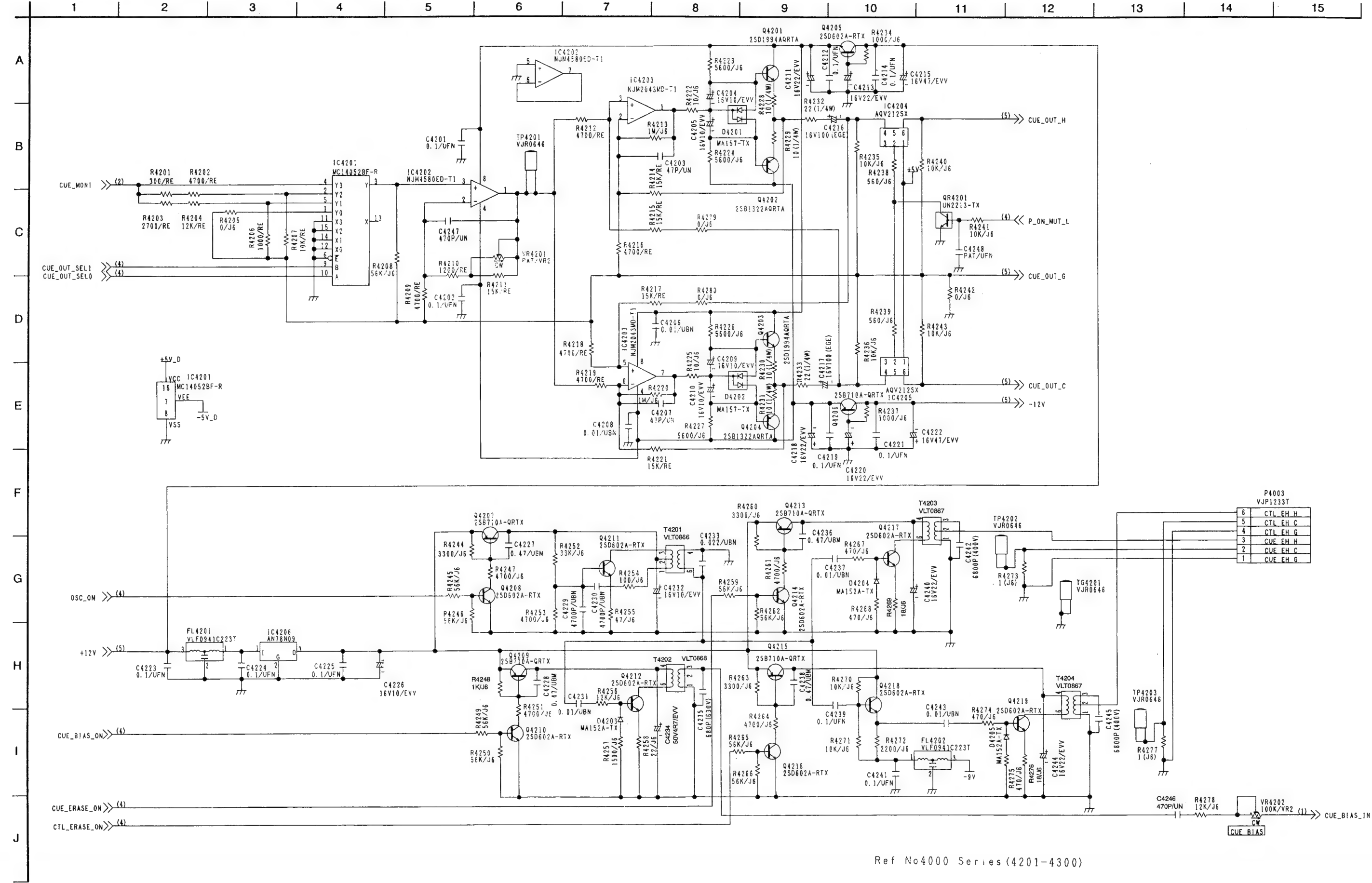


Ref No4000 Series (4001-4100)

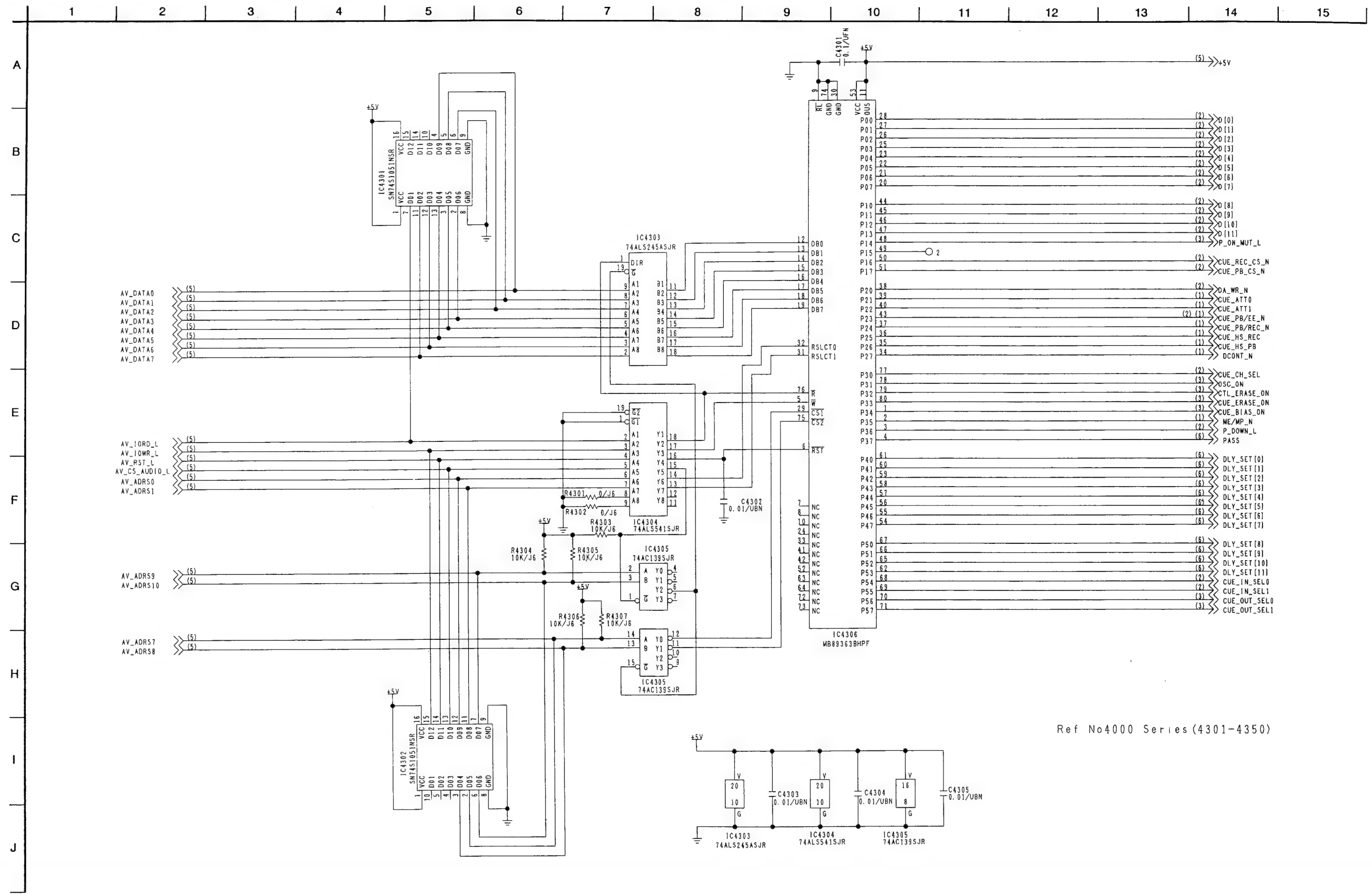
## CUE (H2 2/6) SCHEMATIC DIAGRAM



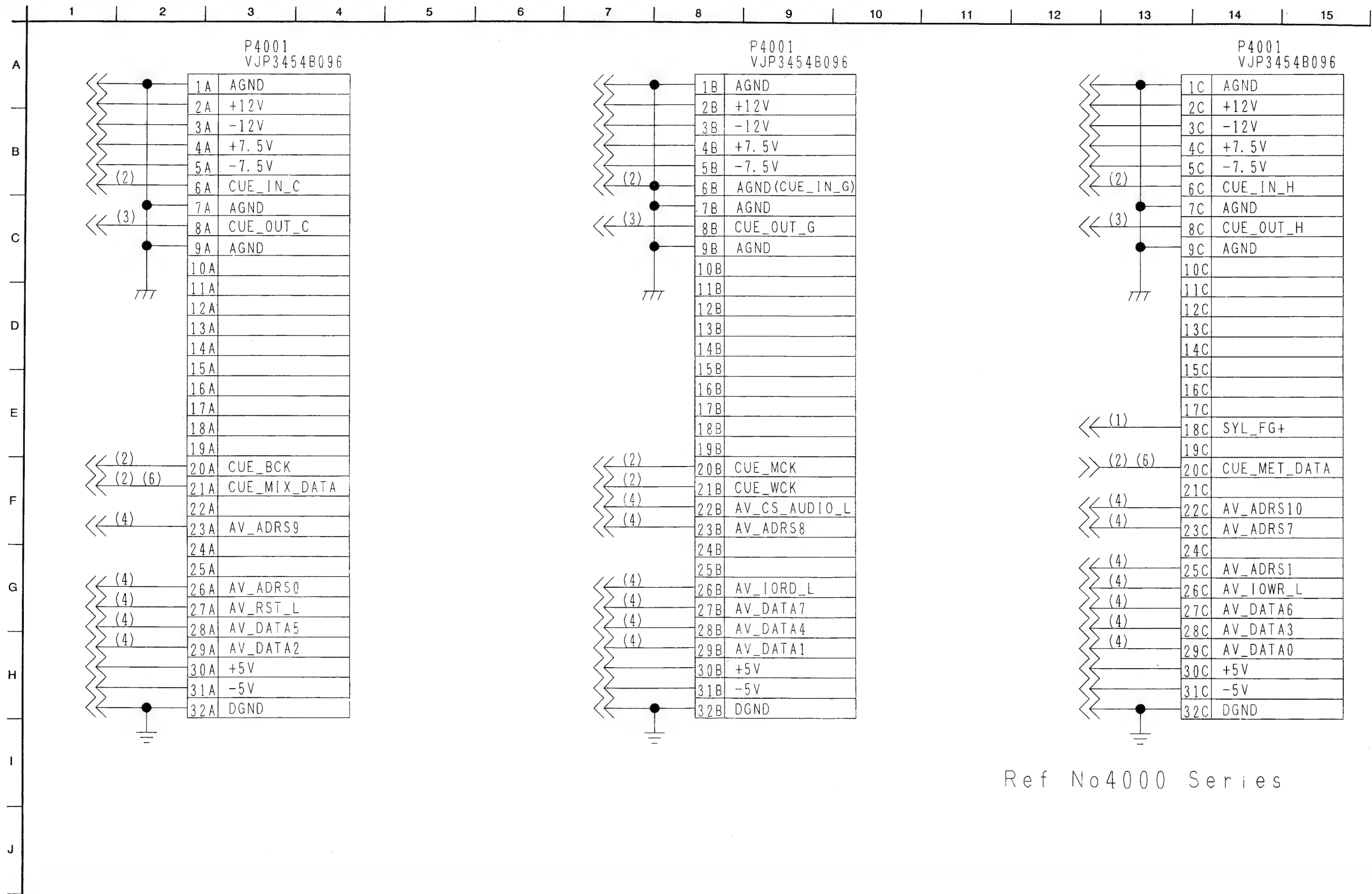
CUE (H2 3/6) SCHEMATIC DIAGRAM



CUE (H2 4/6) SCHEMATIC DIAGRAM



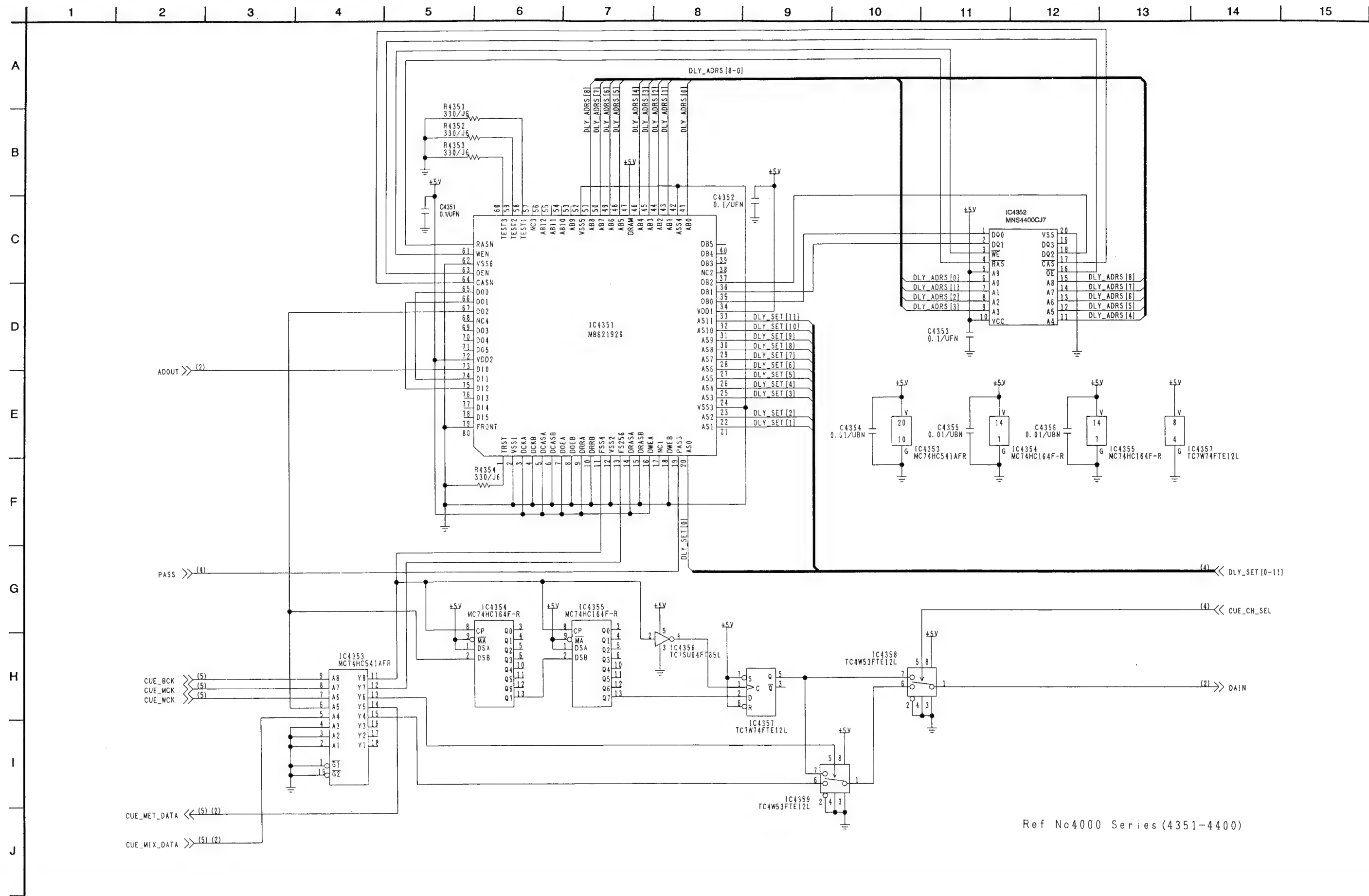
CUE (H2 5/6) SCHEMATIC DIAGRAM



Ref No4000 Series



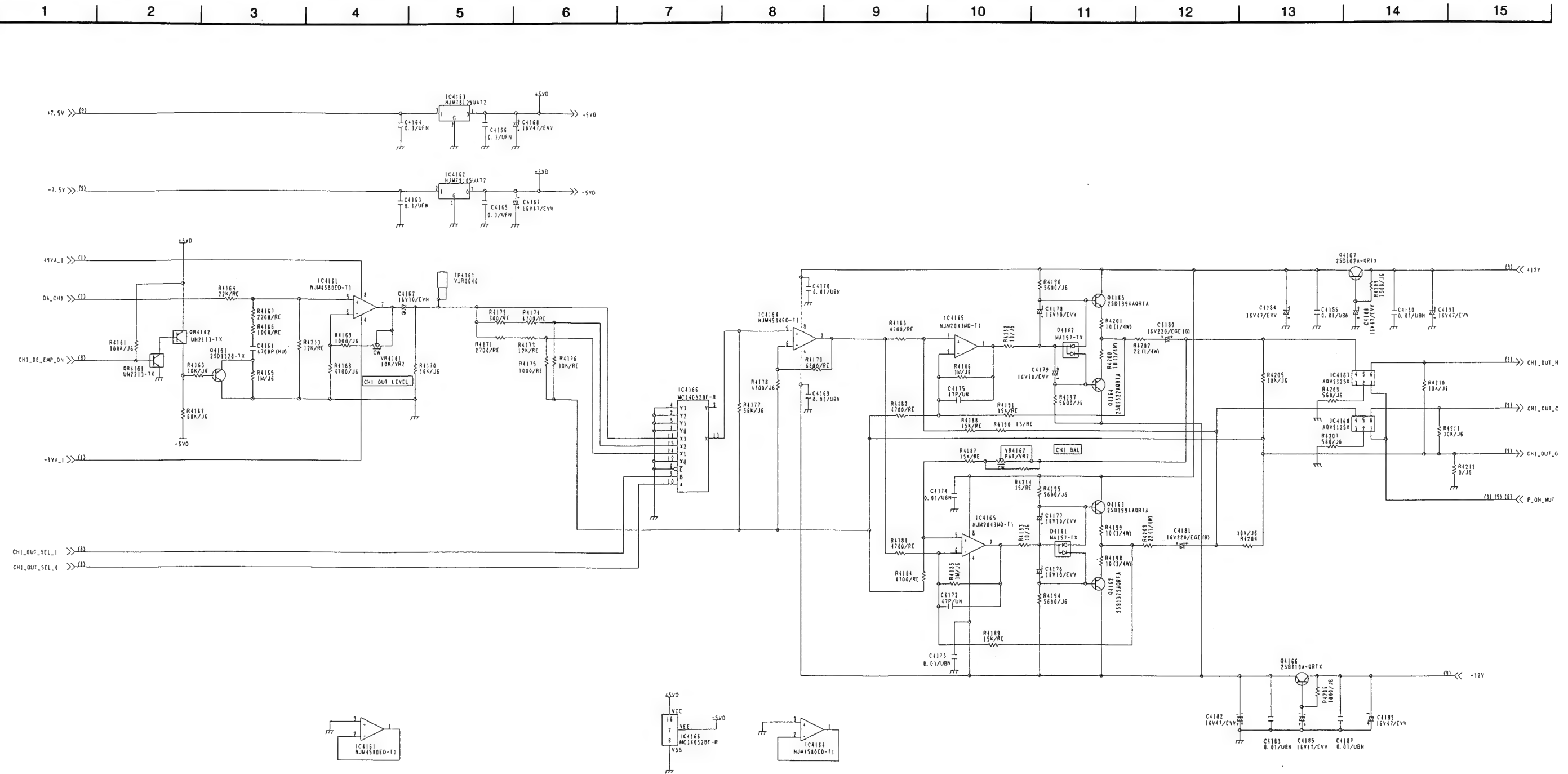
CUE (H2 6/6) SCHEMATIC DIAGRAM



Ref No4000 Series (4351-4400)

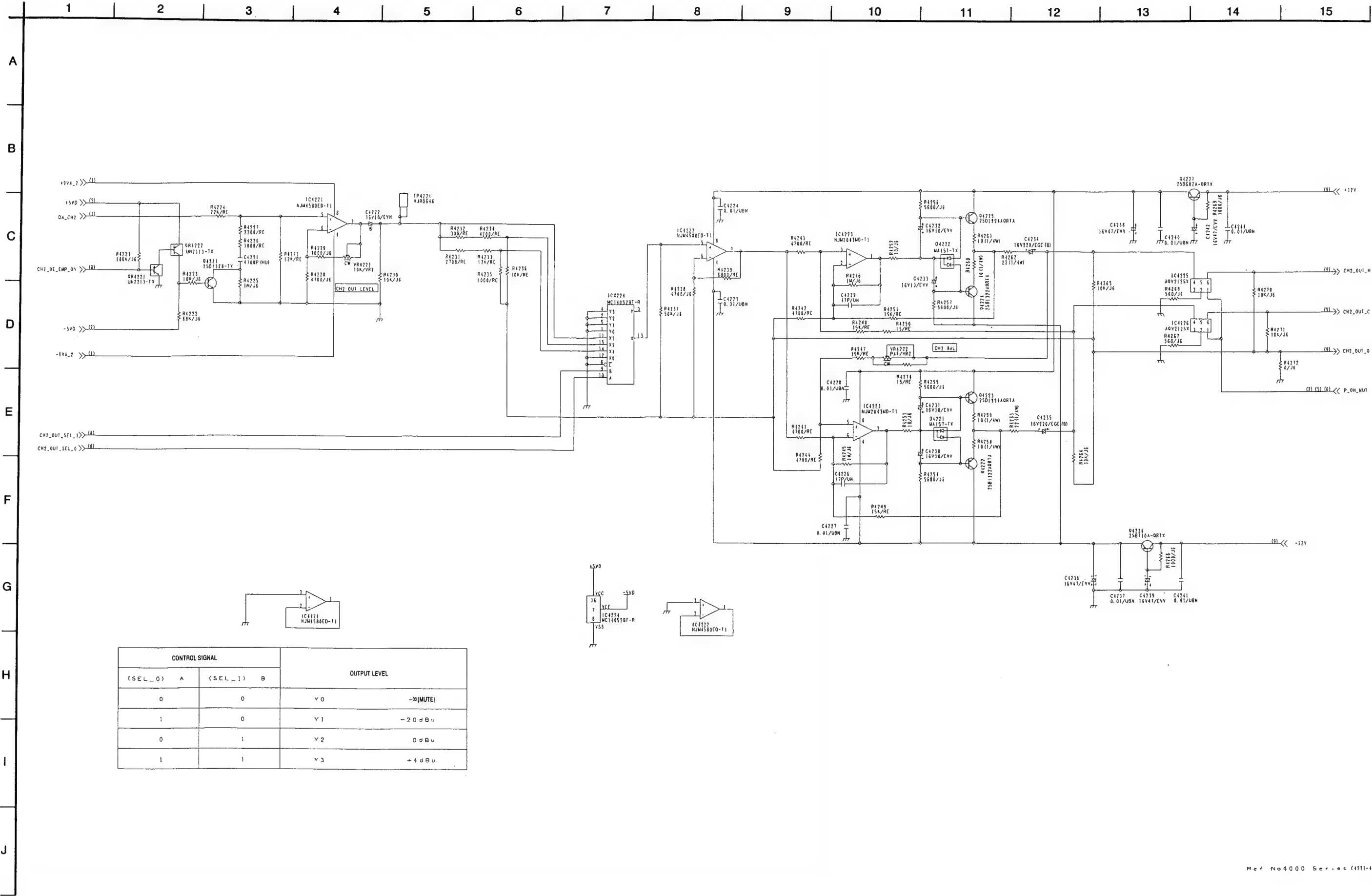
[illegible]

## A DA1 (2/9) SCHEMATIC DIAGRAM



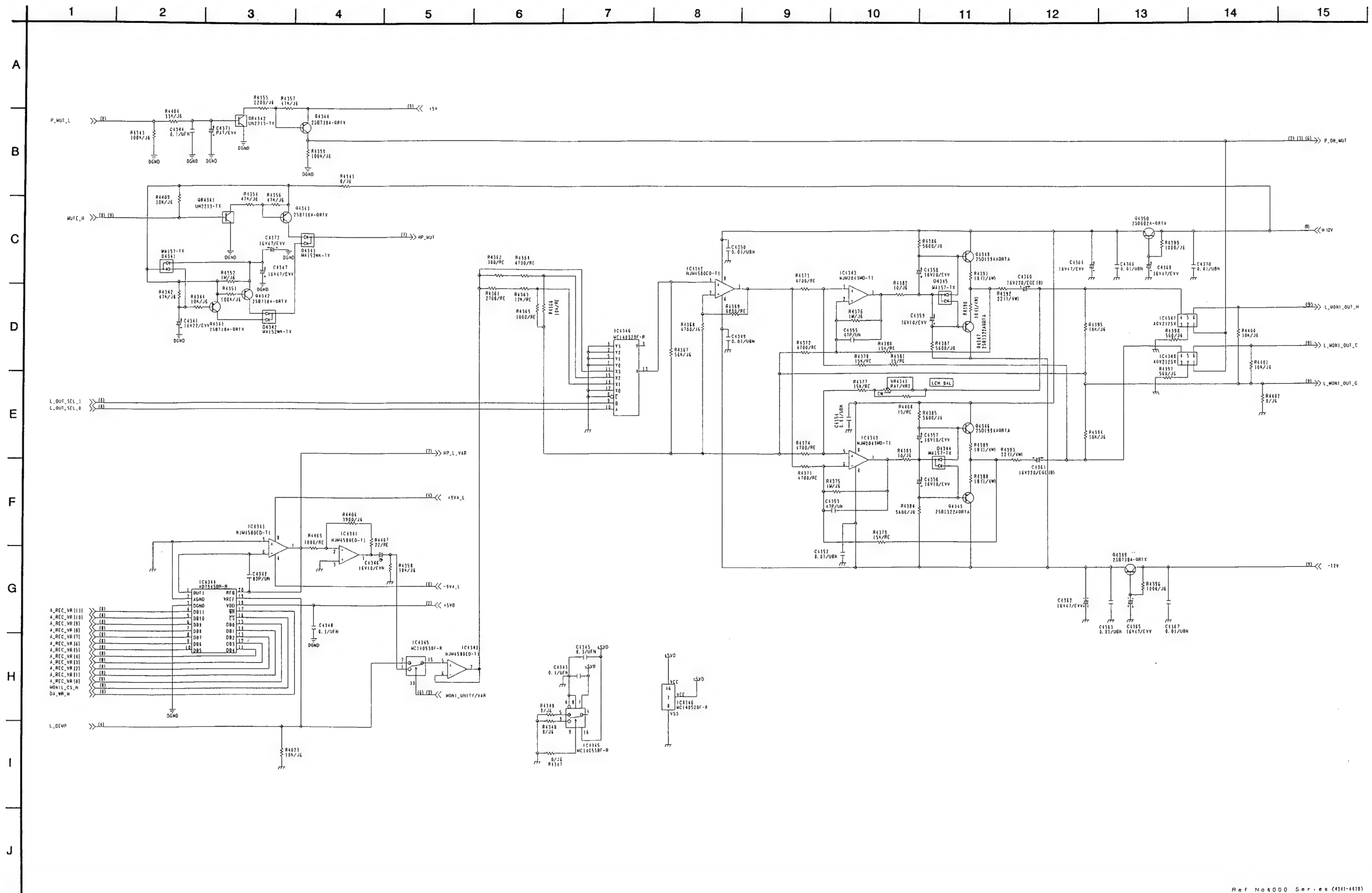
CONTROL SIGNAL		OUTPUT LEVEL	
(SEL_0) A	(SEL_1) B		
0	0	Y 0	-∞(MUTE)
1	0	Y 1	-20 dB u
0	1	Y 2	0 dB u
1	1	Y 3	+4 dB u

A DA1 (3/9) SCHEMATIC DIAGRAM

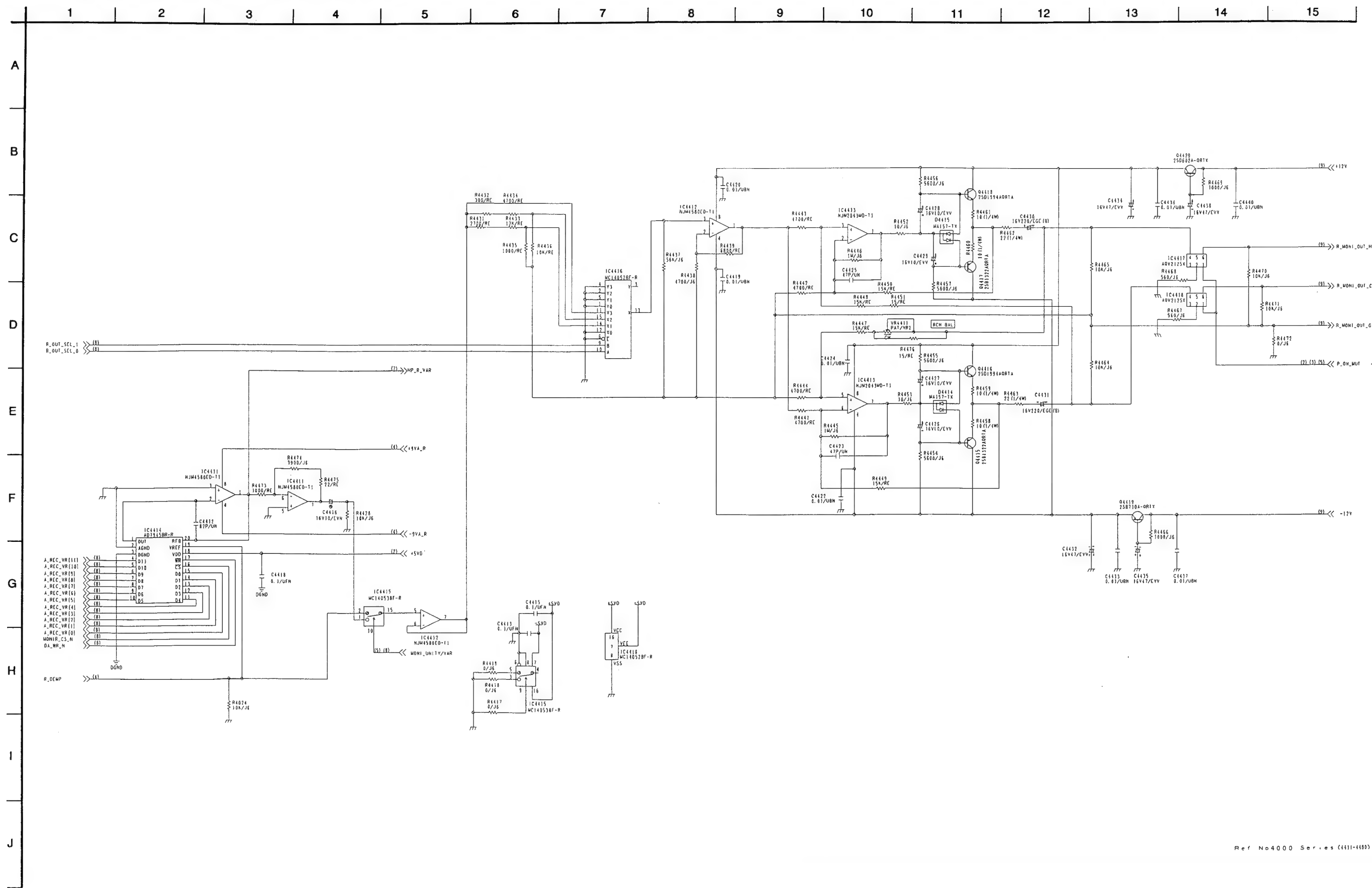




## A DA1 (5/9) SCHEMATIC DIAGRAM

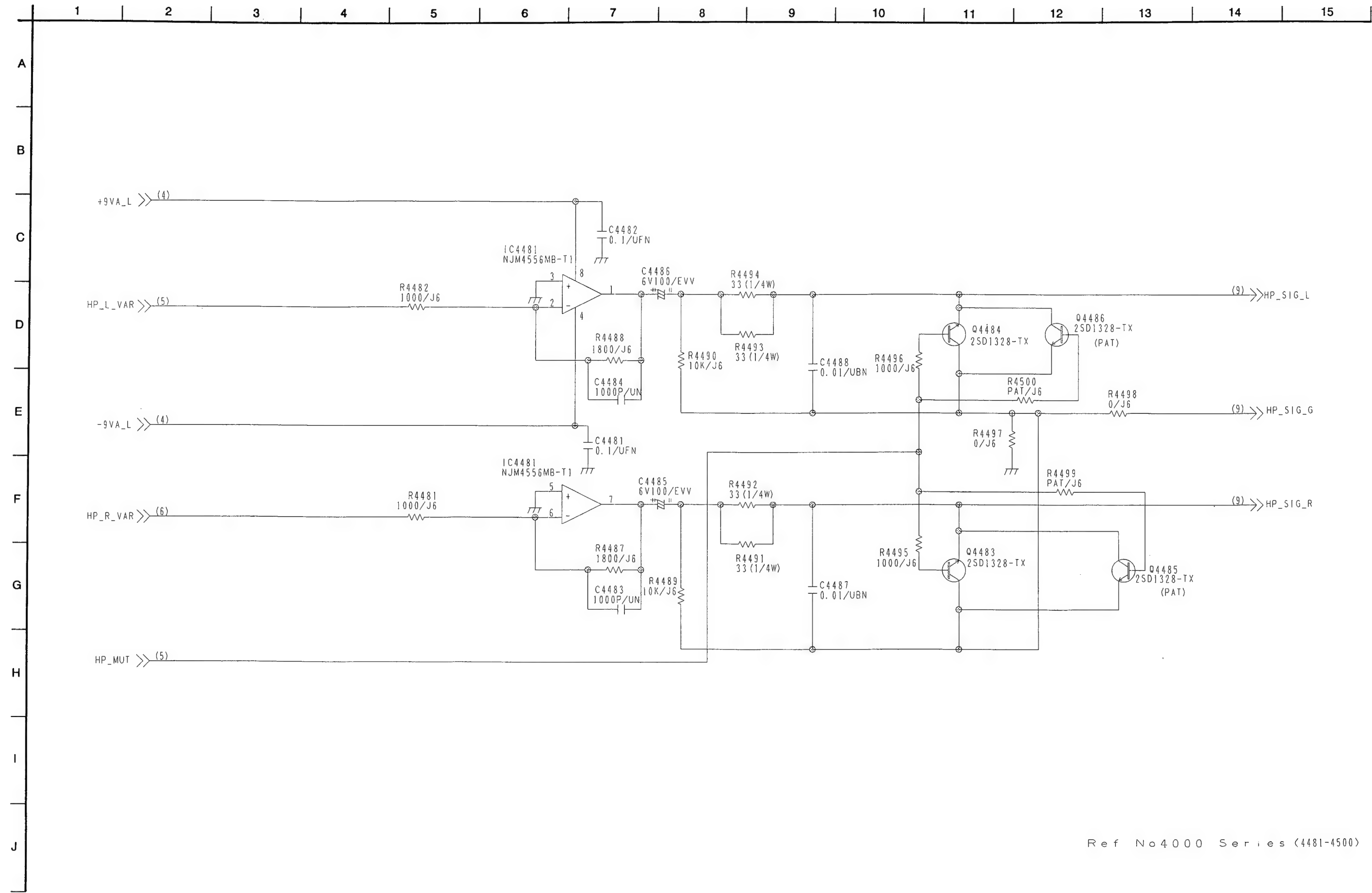


A DA1 (6/9) SCHEMATIC DIAGRAM





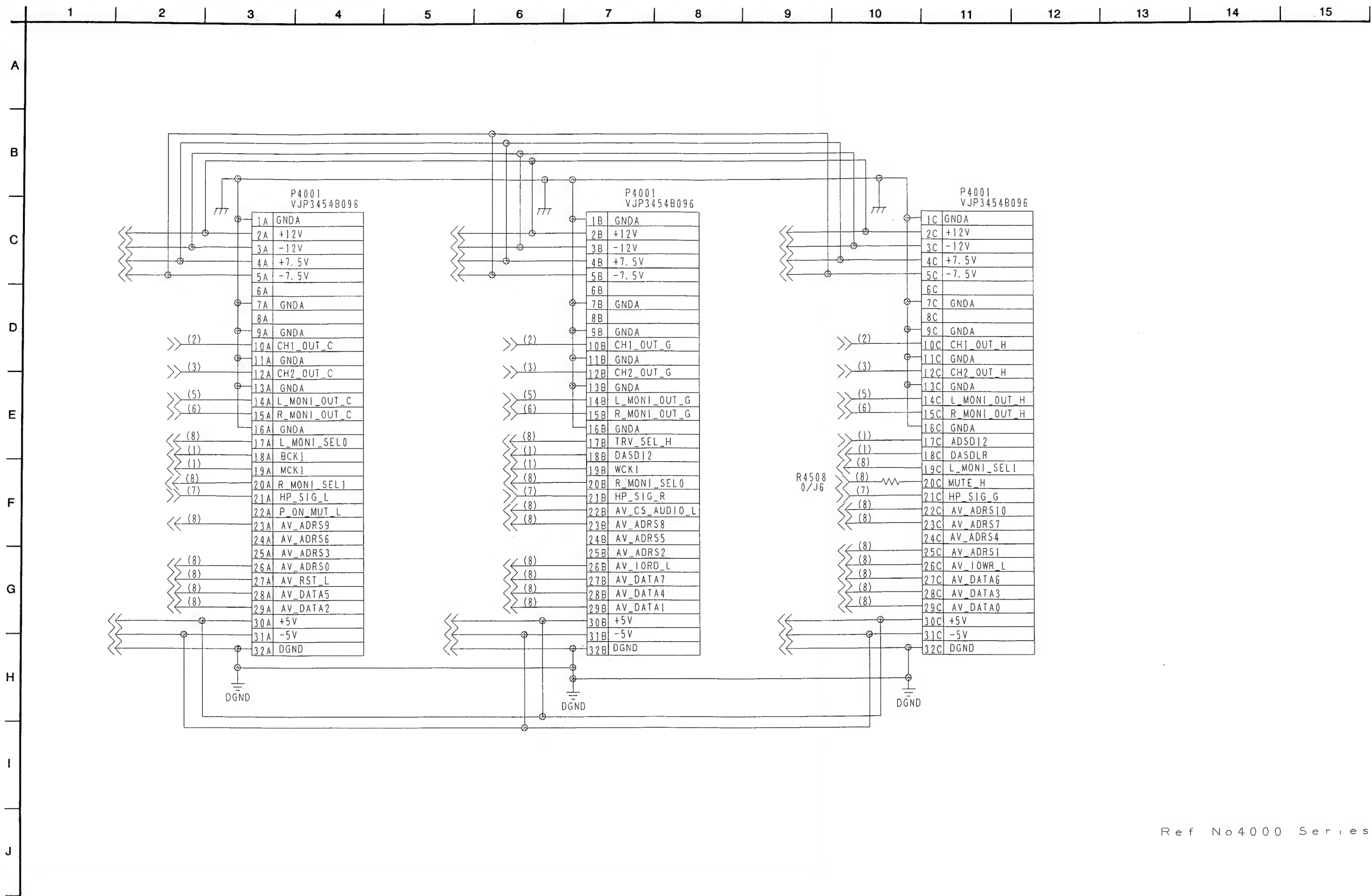
A DA1 (7/9) SCHEMATIC DIAGRAM



Ref No4000 Series (4481-4500)

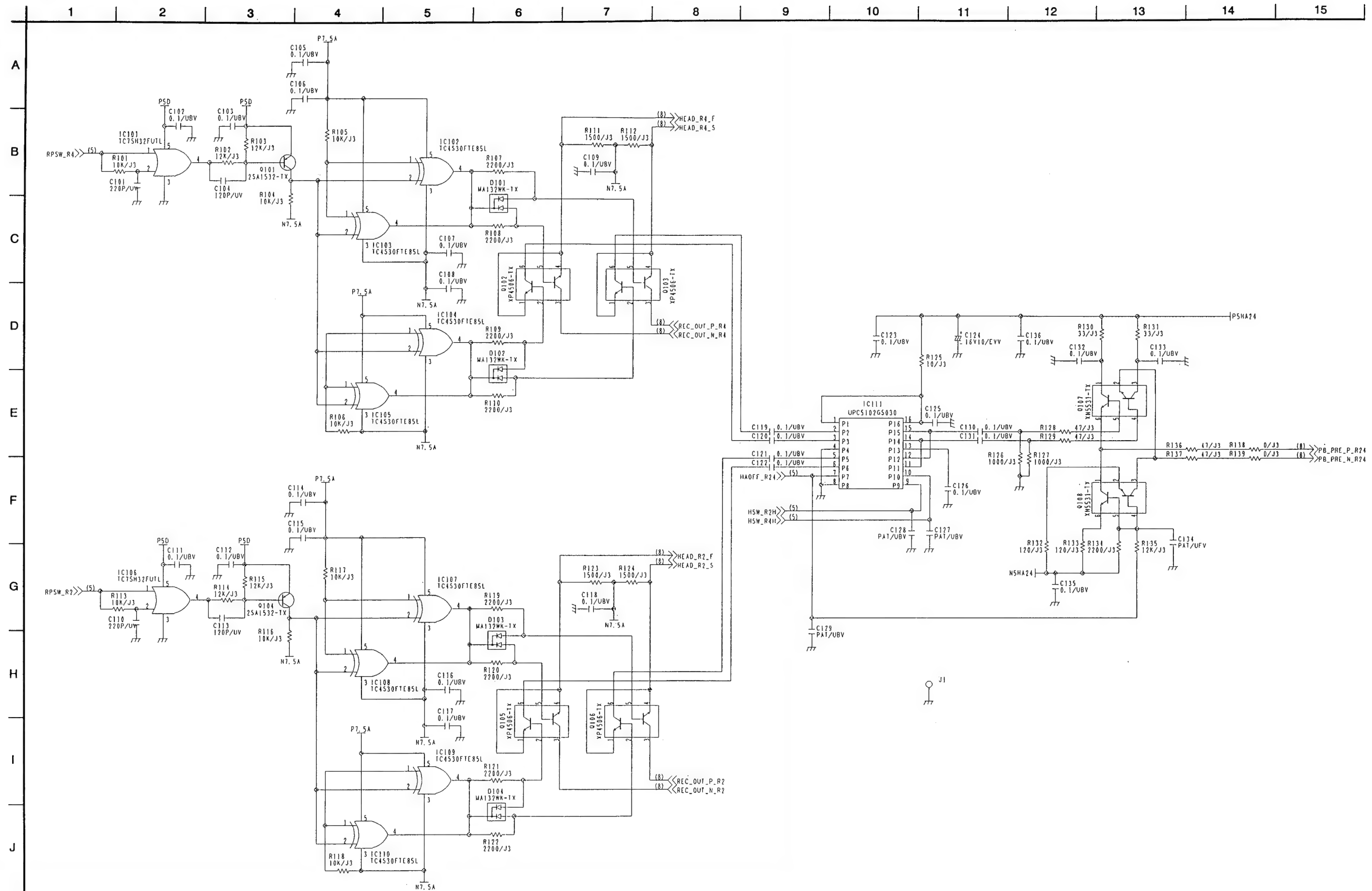
[illegible]

A DA1 (9/9) SCHEMATIC DIAGRAM

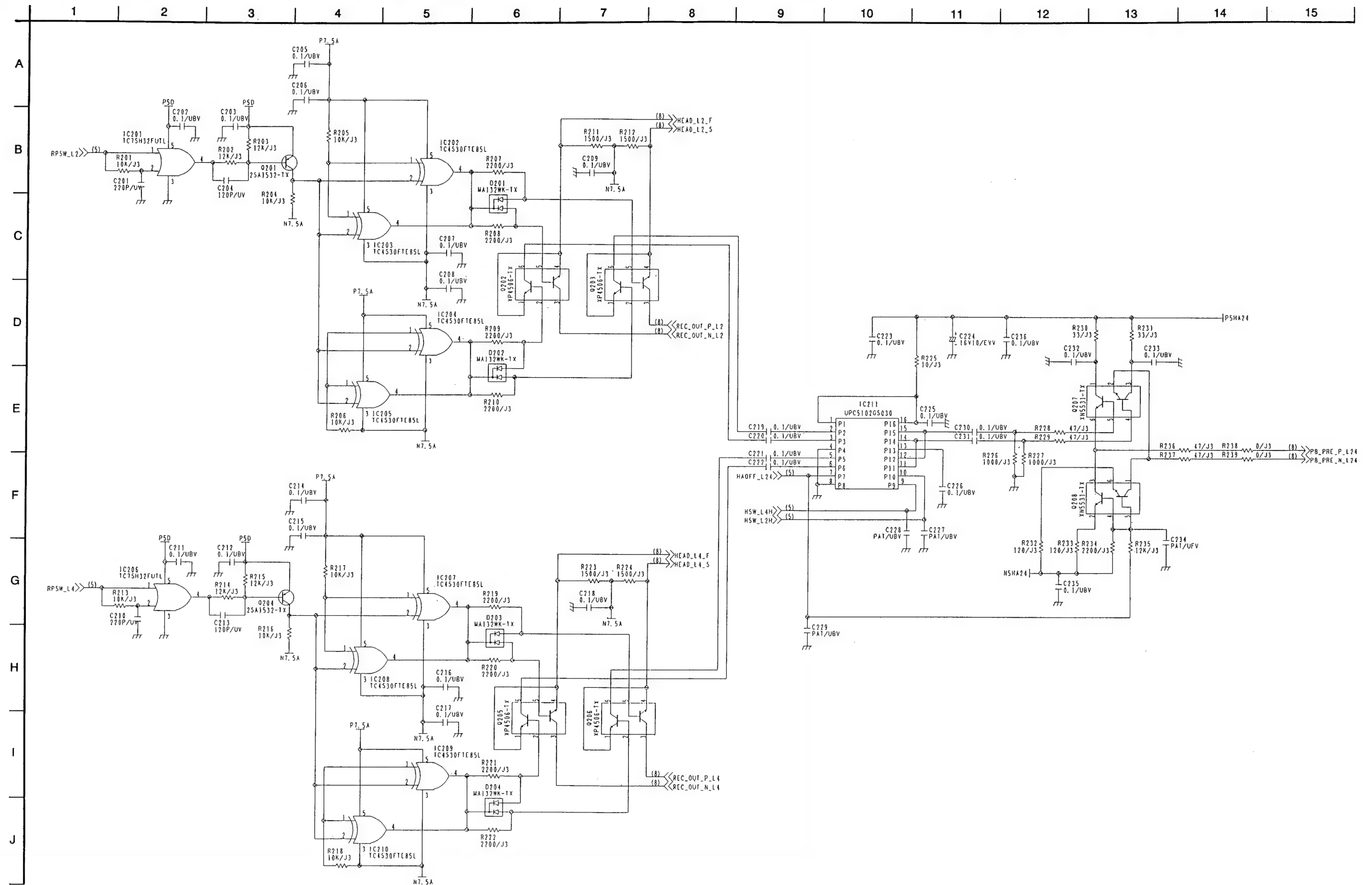


Ref No4000 Series

# HEAD BUFF 1 (1/8) SCHEMATIC DIAGRAM



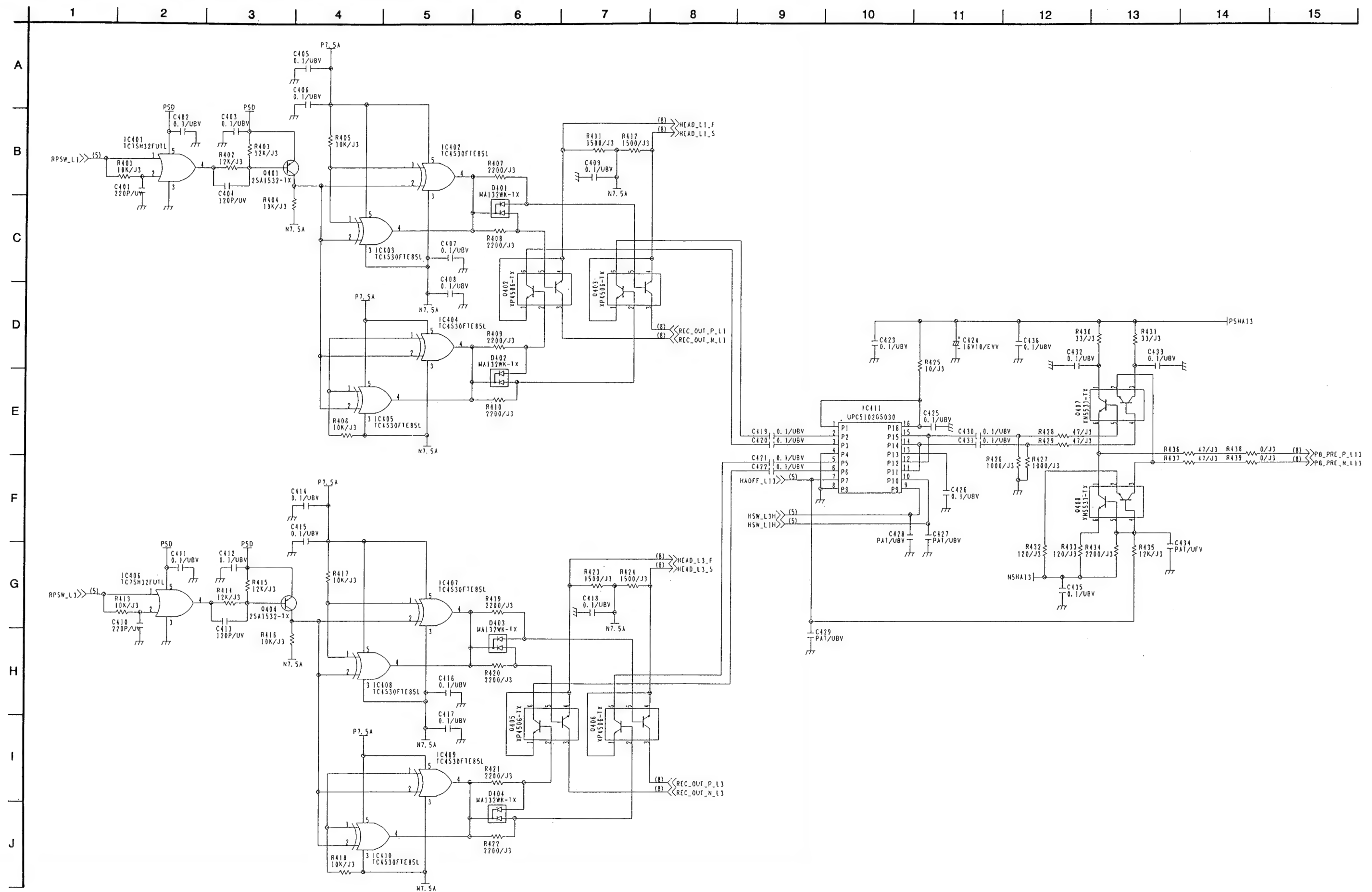
# HEAD BUFF 1 (2/8) SCHEMATIC DIAGRAM



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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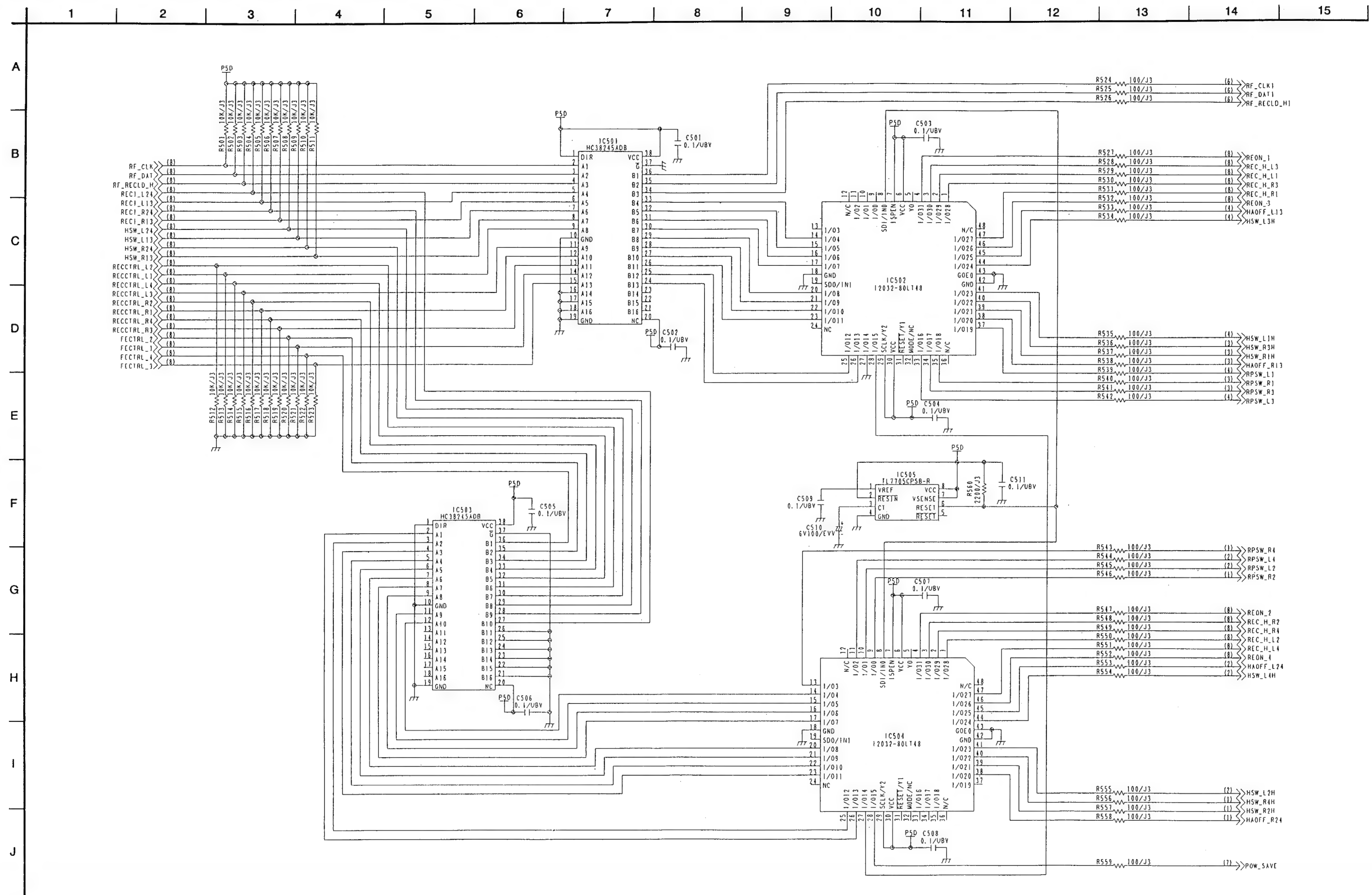


# HEAD BUFF 1 (4/8) SCHEMATIC DIAGRAM

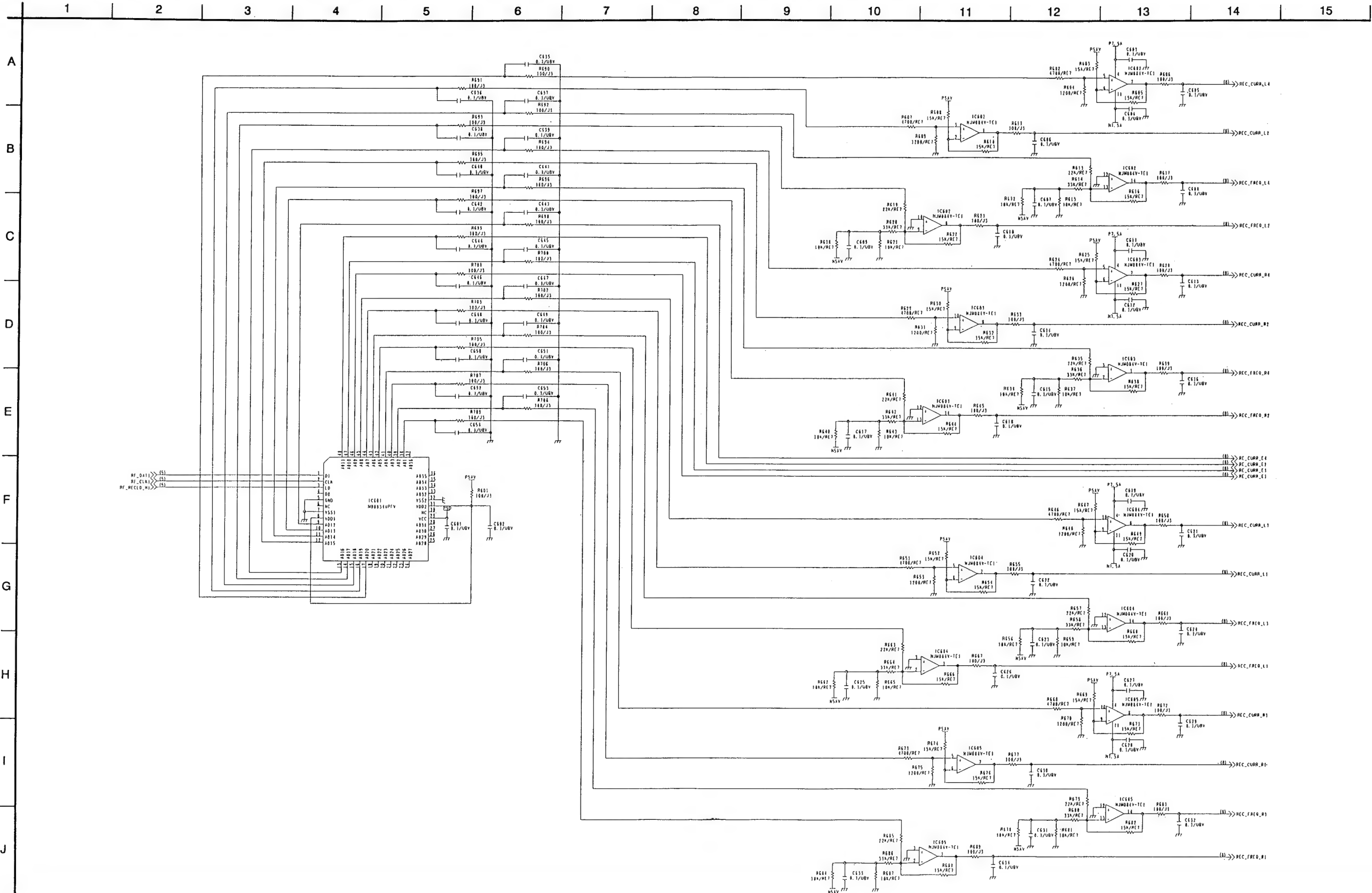




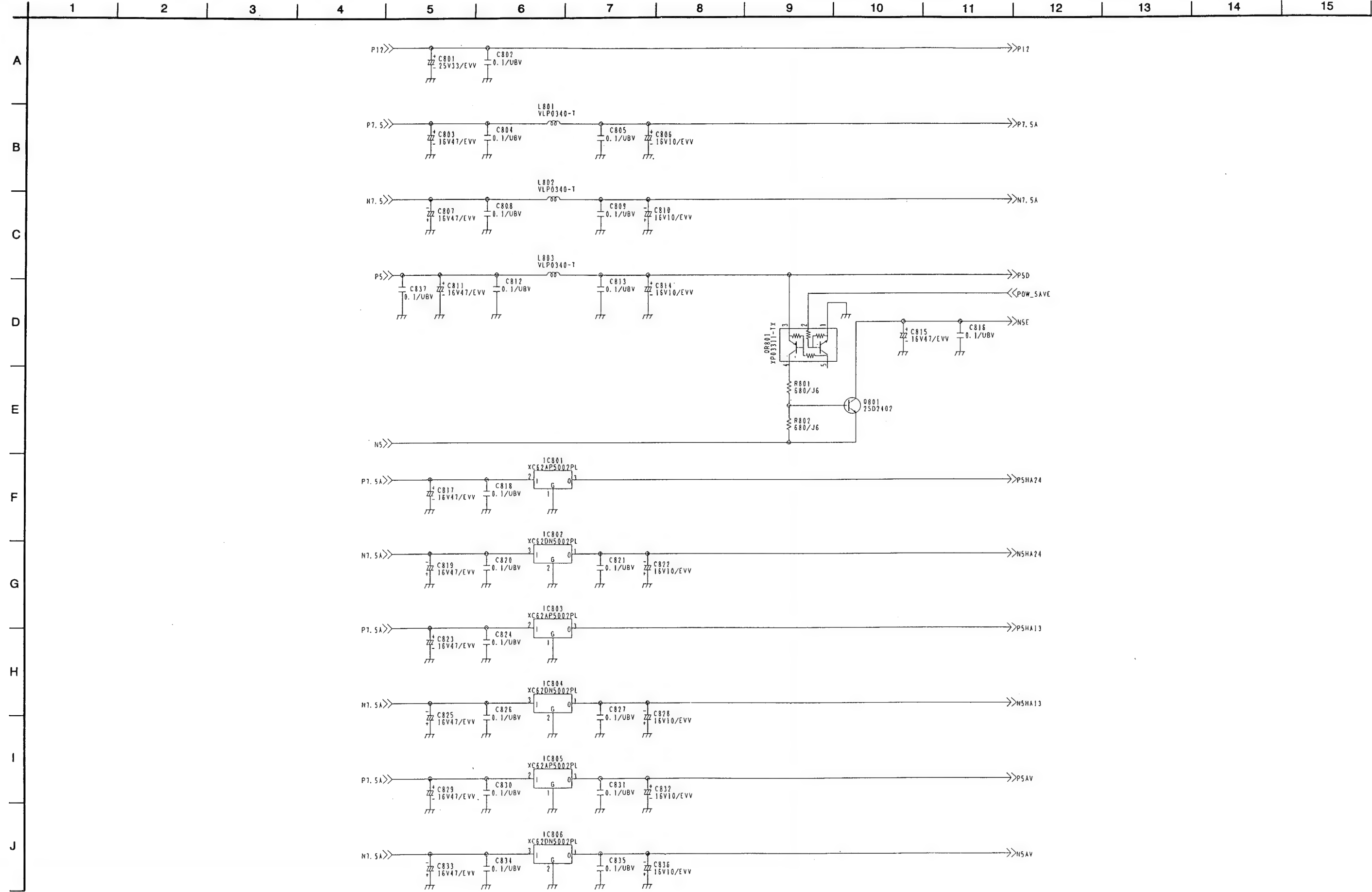
# HEAD BUFF 1 (5/8) SCHEMATIC DIAGRAM



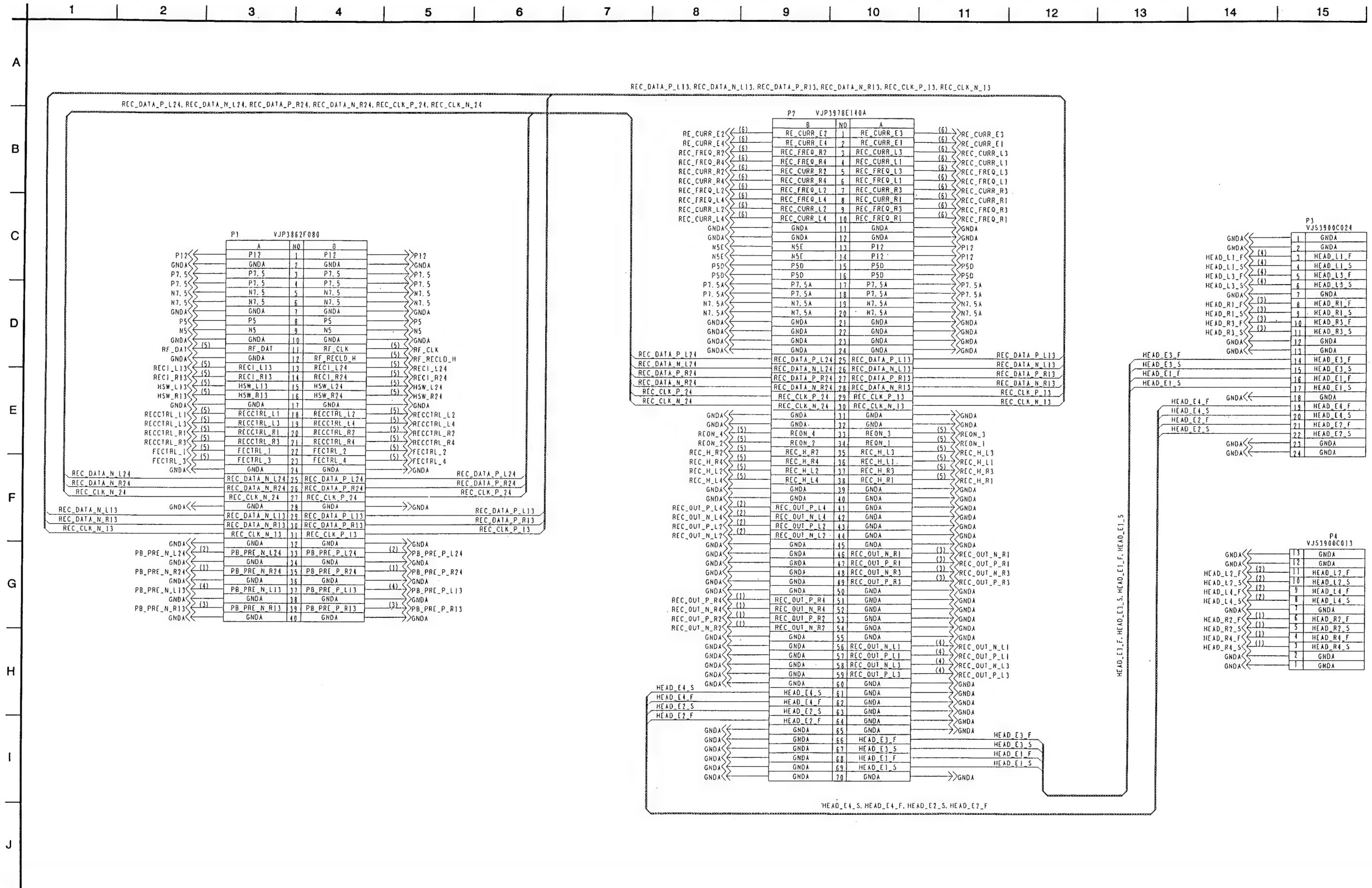
## HEAD BUFF 1 (6/8) SCHEMATIC DIAGRAM



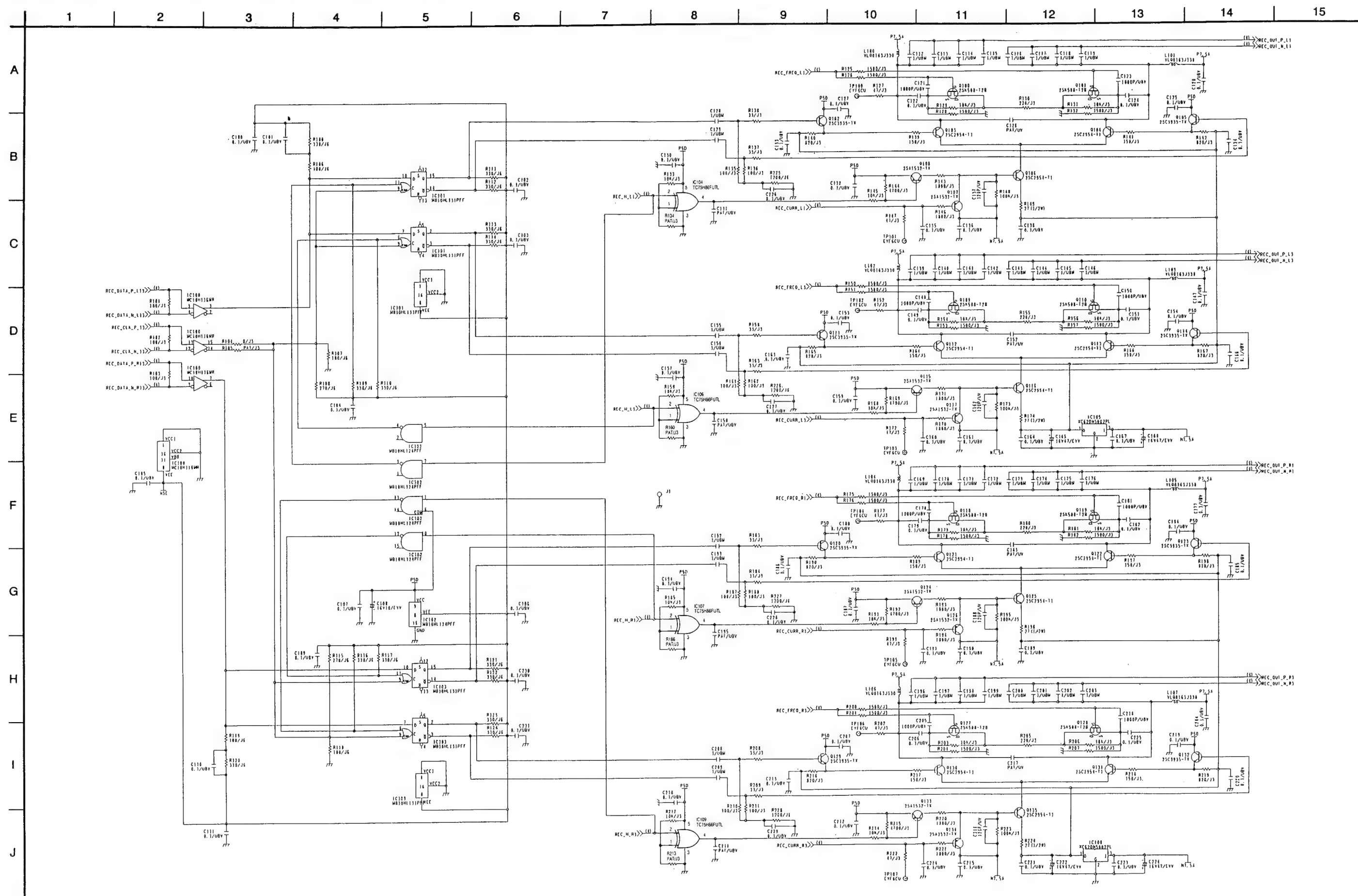
HEAD BUFF 1 (7/8) SCHEMATIC DIAGRAM



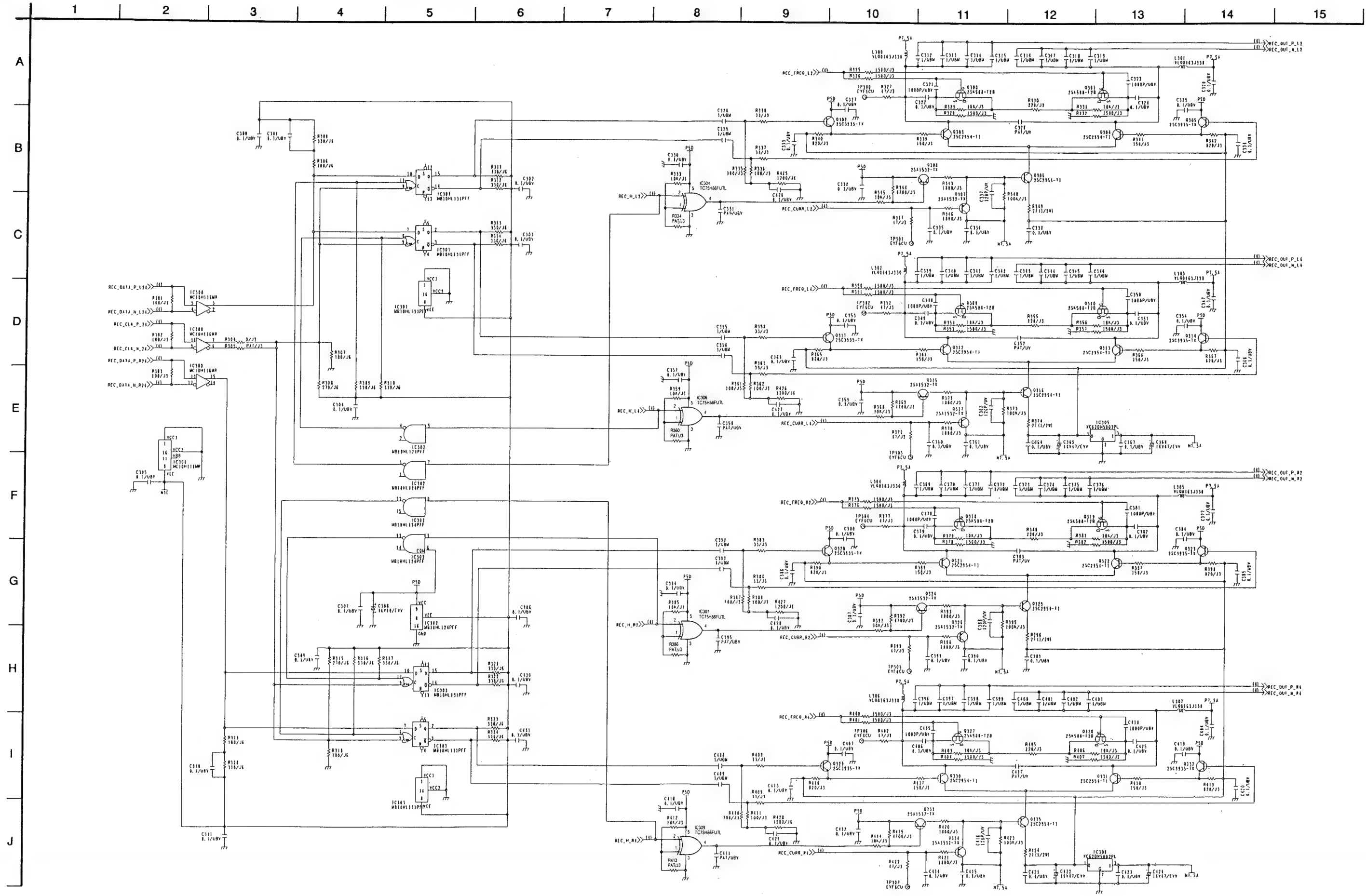
### HEAD BUFF 1 (8/8) SCHEMATIC DIAGRAM



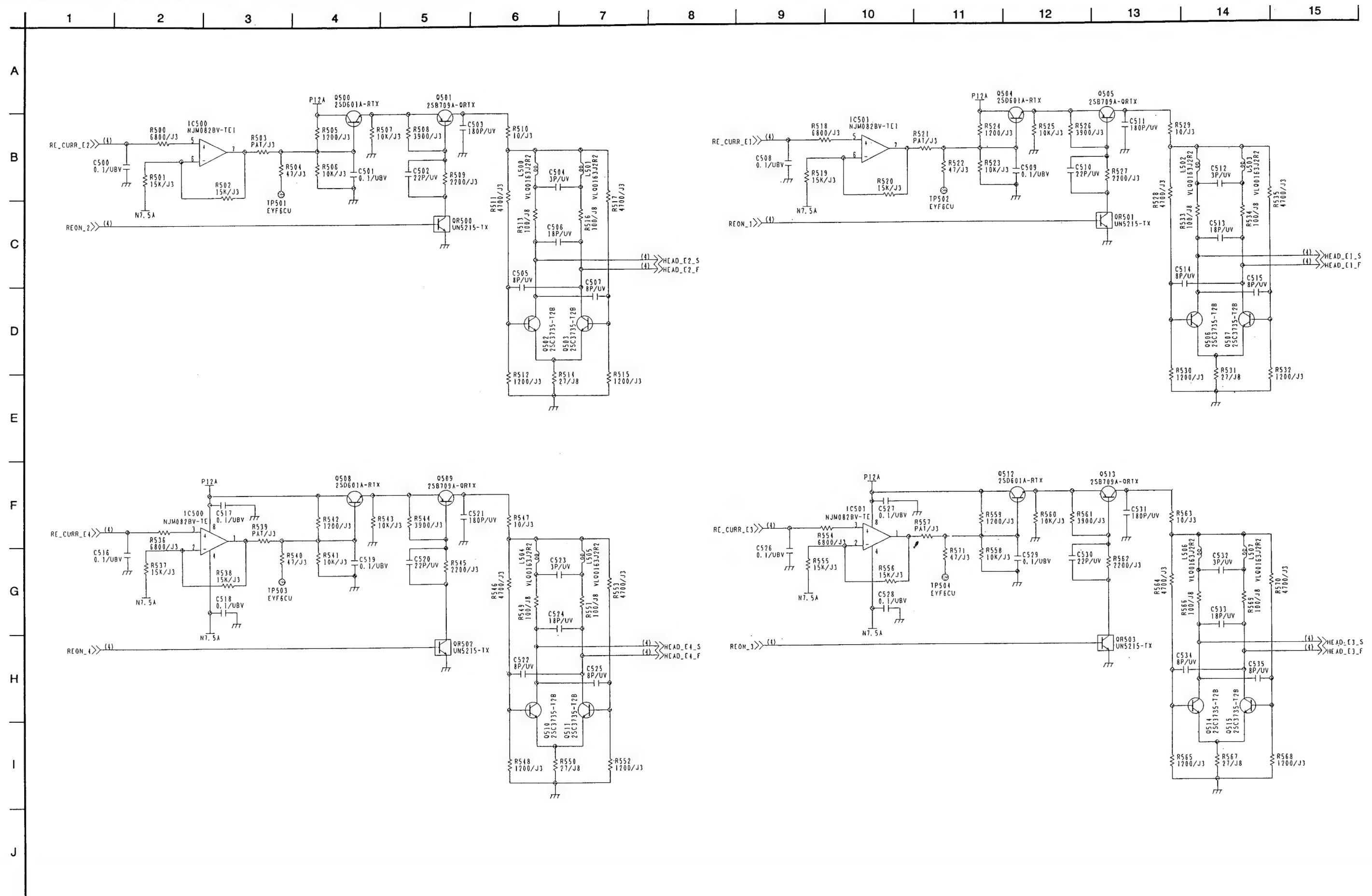
# HEAD BUFF 2 (1/4) SCHEMATIC DIAGRAM



HEAD BUFF 2 (2/4) SCHEMATIC DIAGRAM

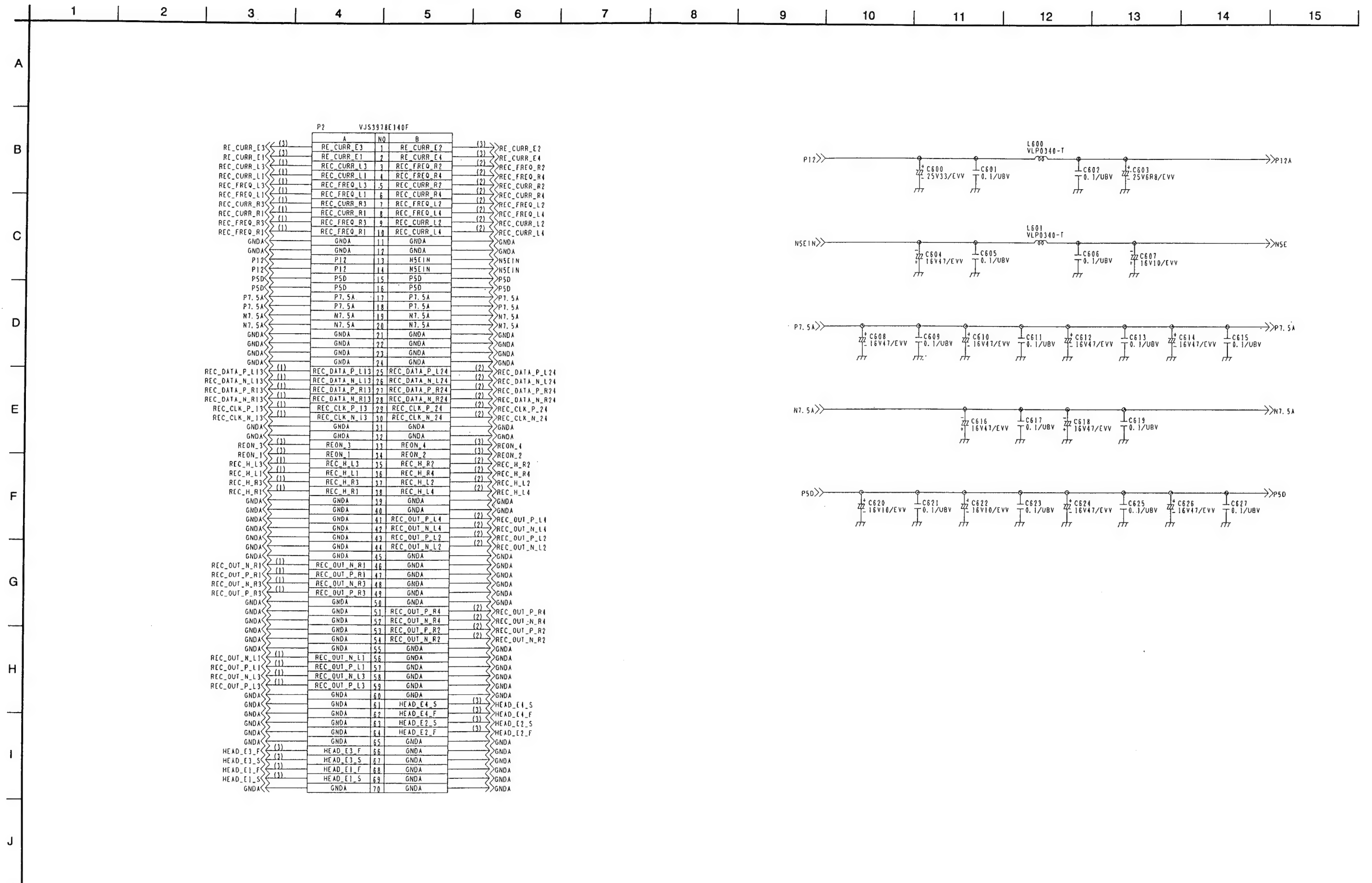


# HEAD BUFF 2 (3/4) SCHEMATIC DIAGRAM

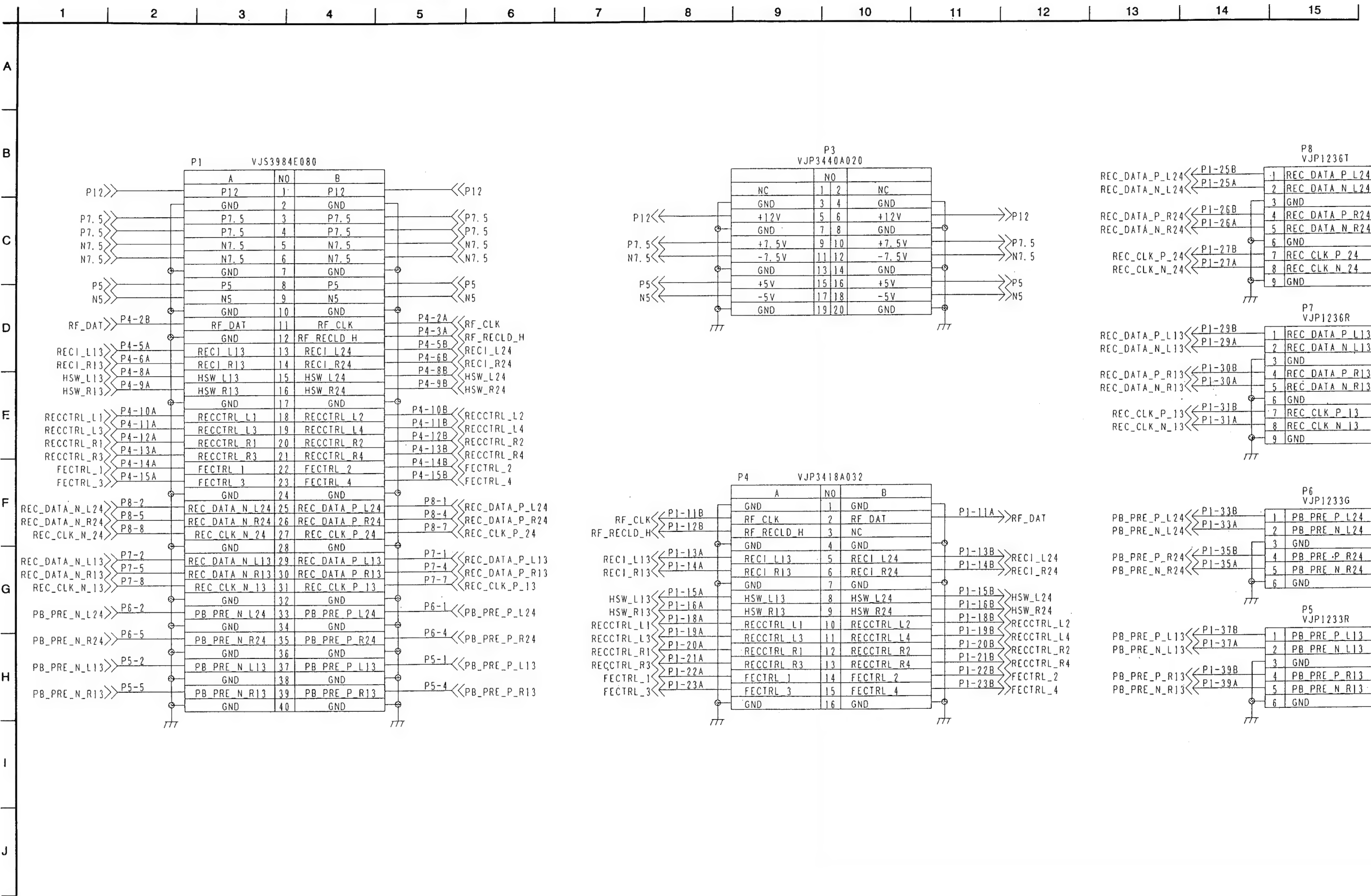




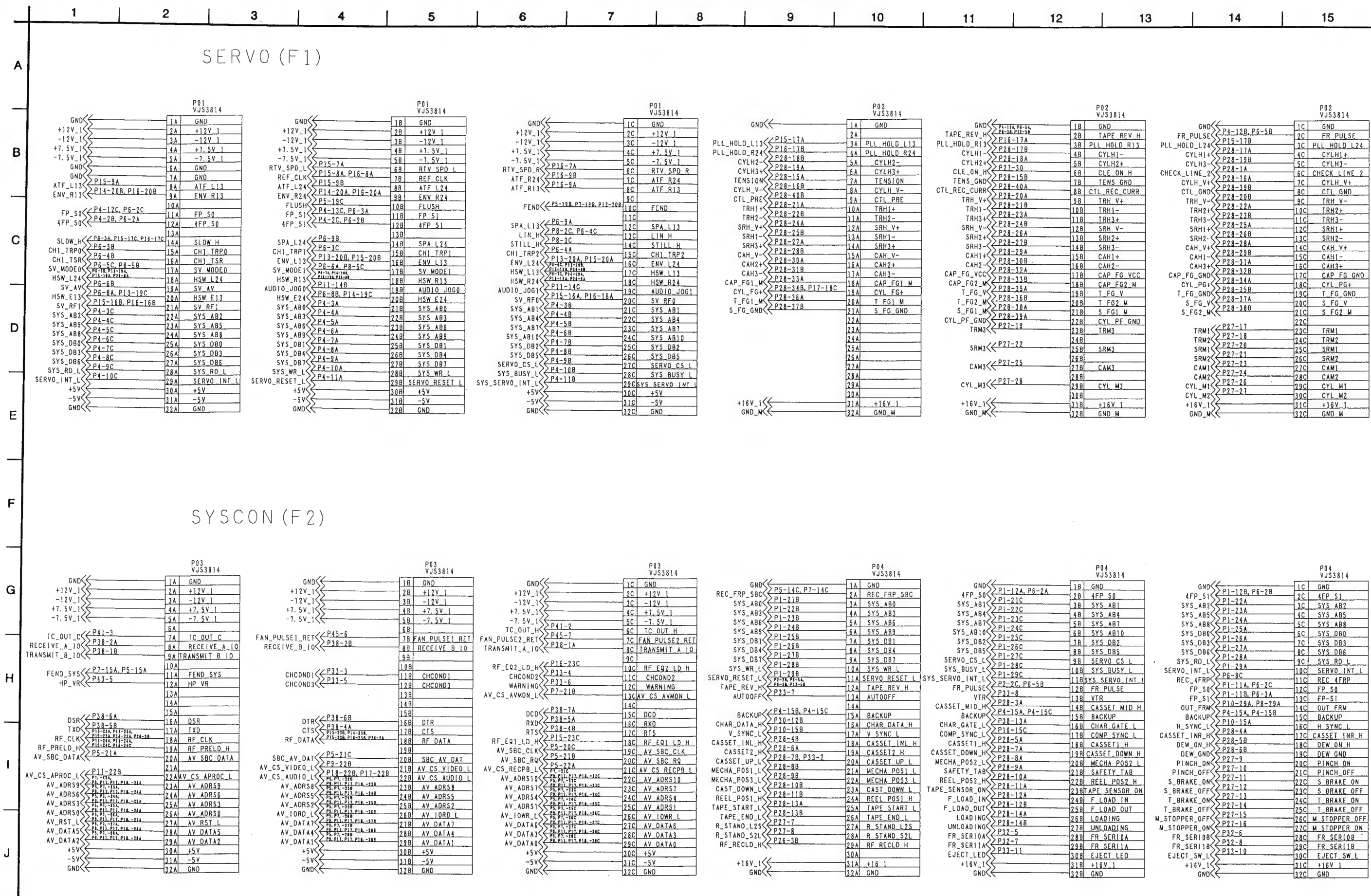
# HEAD BUFF 2 (4/4) SCHEMATIC DIAGRAM



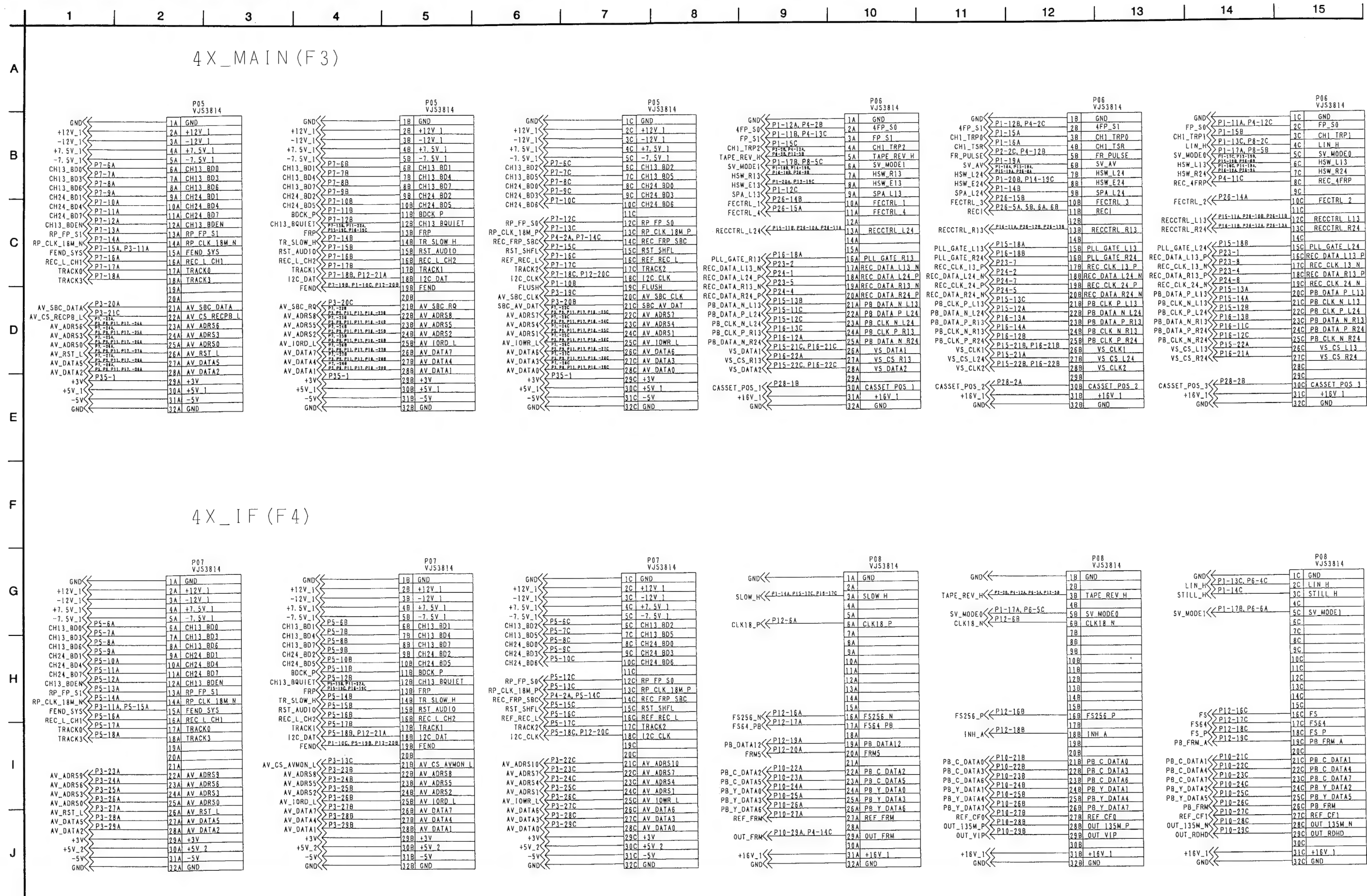
RF MOTHER (1/1) SCHEMATIC DIAGRAM



# VTR MOTHER (1/12) SERVO (F1) & (2/12) SYSCON (F2) SCHEMATIC DIAGRAMS

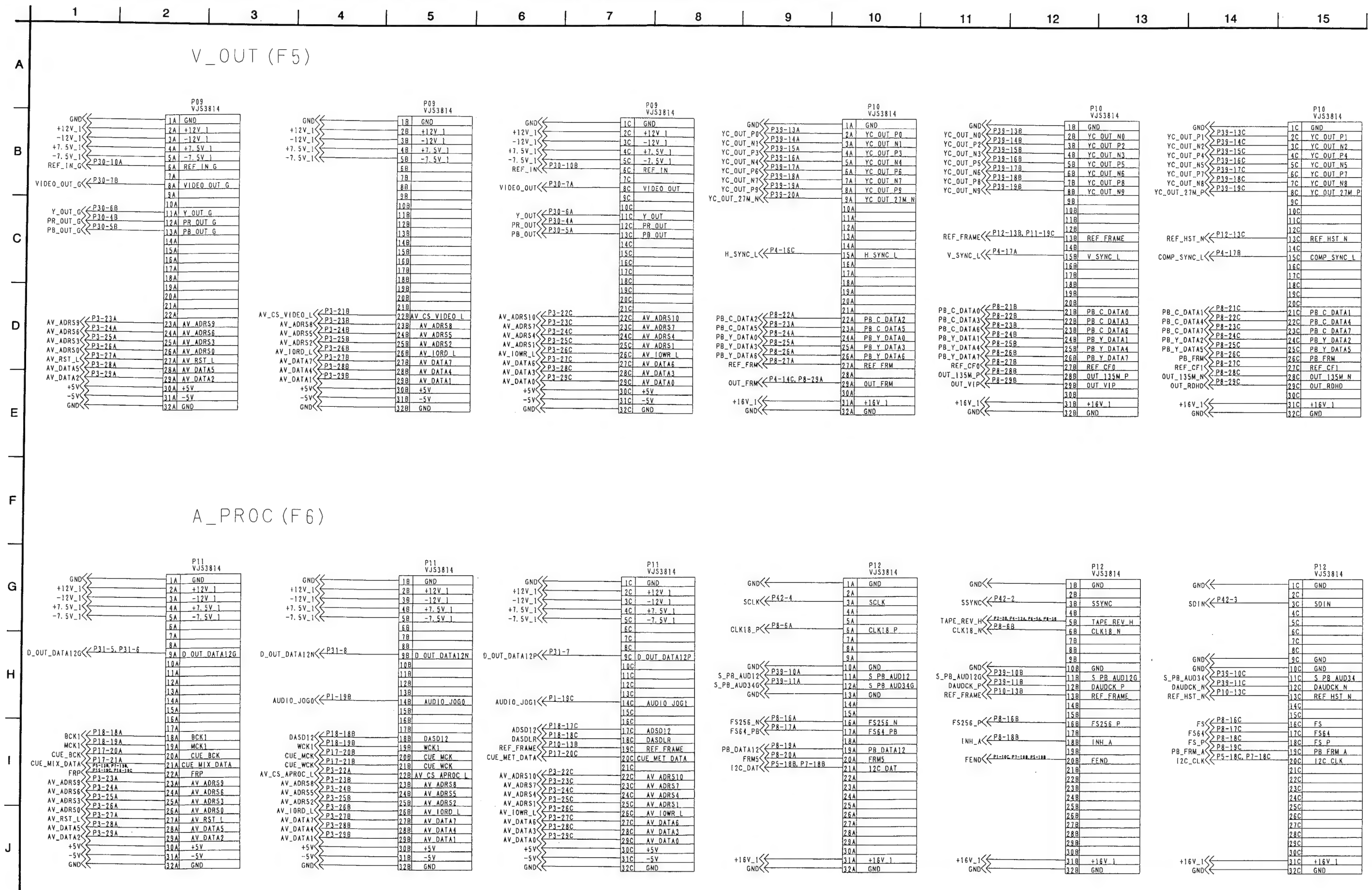


# VTR MOTHER (3/12) 4X MAIN (F3) & (4/12) 4X INTERFACE (F4) SCHEMATIC DIAGRAMS

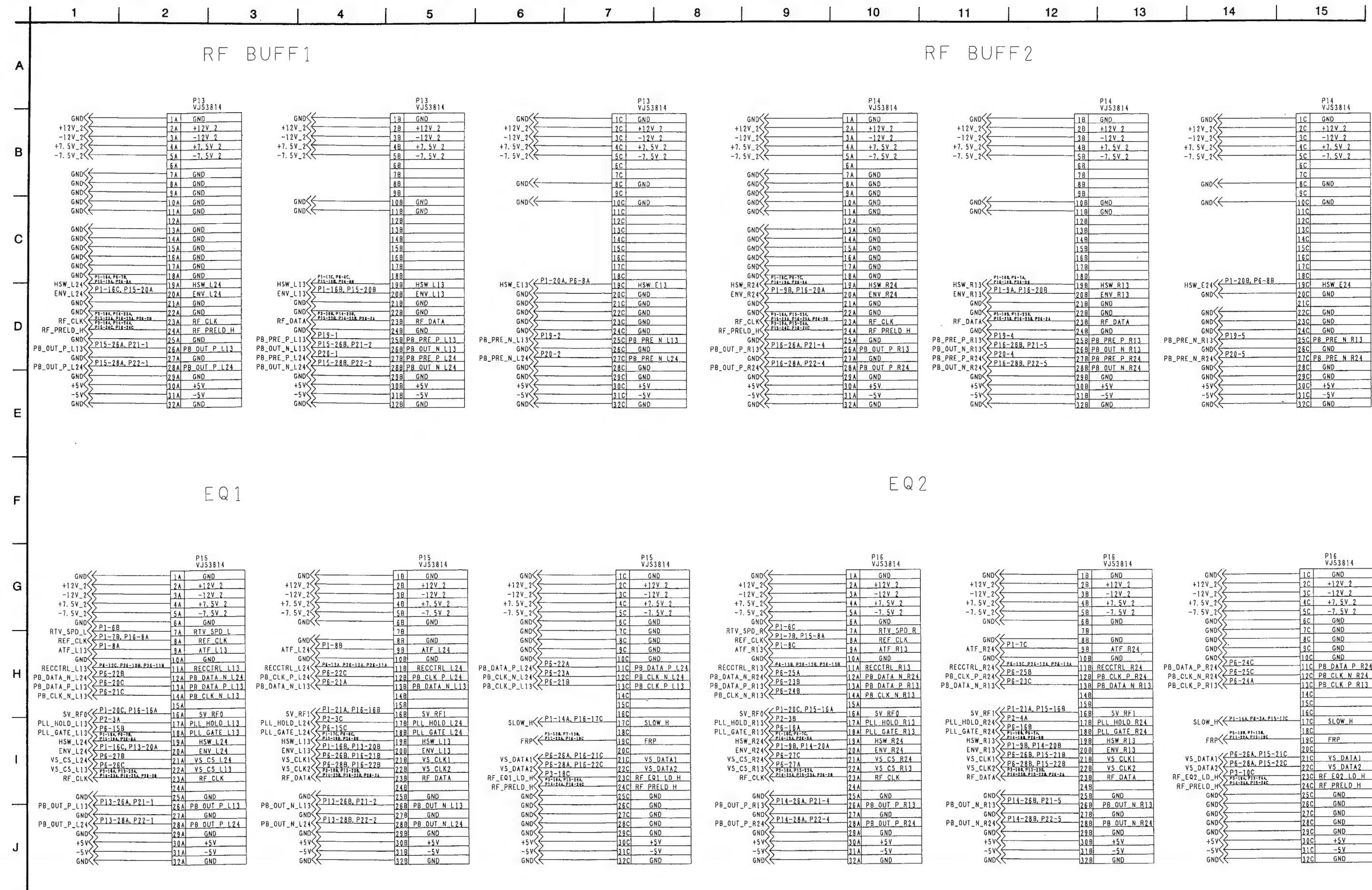




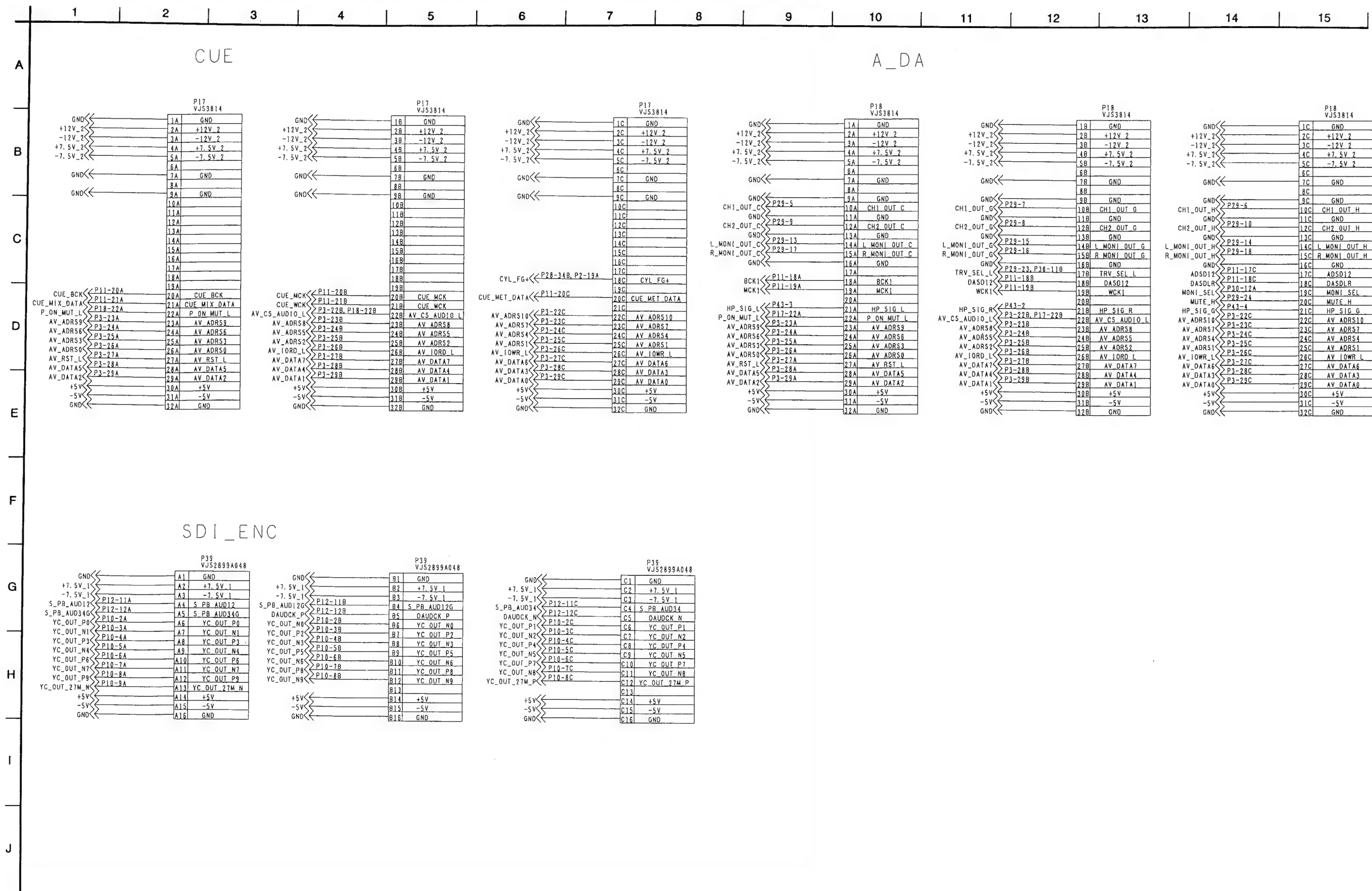
## VTR MOTHER (5/12) VIDEO OUTPUT (F5) & (6/12) A PROC (F6) SCHEMATIC DIAGRAMS



# VTR MOTHER (7/12) RF BUFFER 1,2 & (8/12) EQ 1,2 SCHEMATIC DIAGRAMS

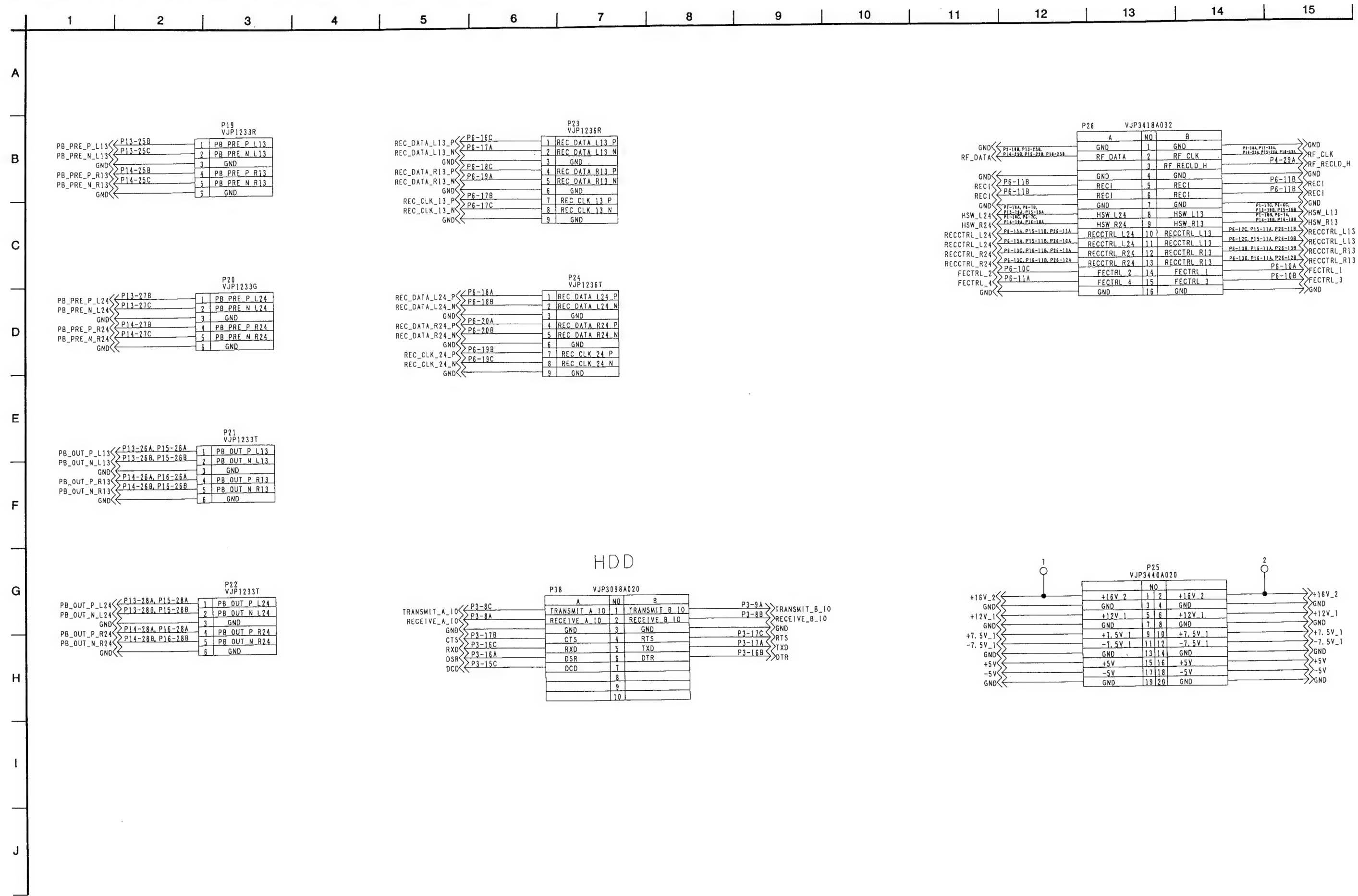


## VTR MOTHER (9/12) CUE,A DA & (10/12) SDI ENC SCHEMATIC DIAGRAMS

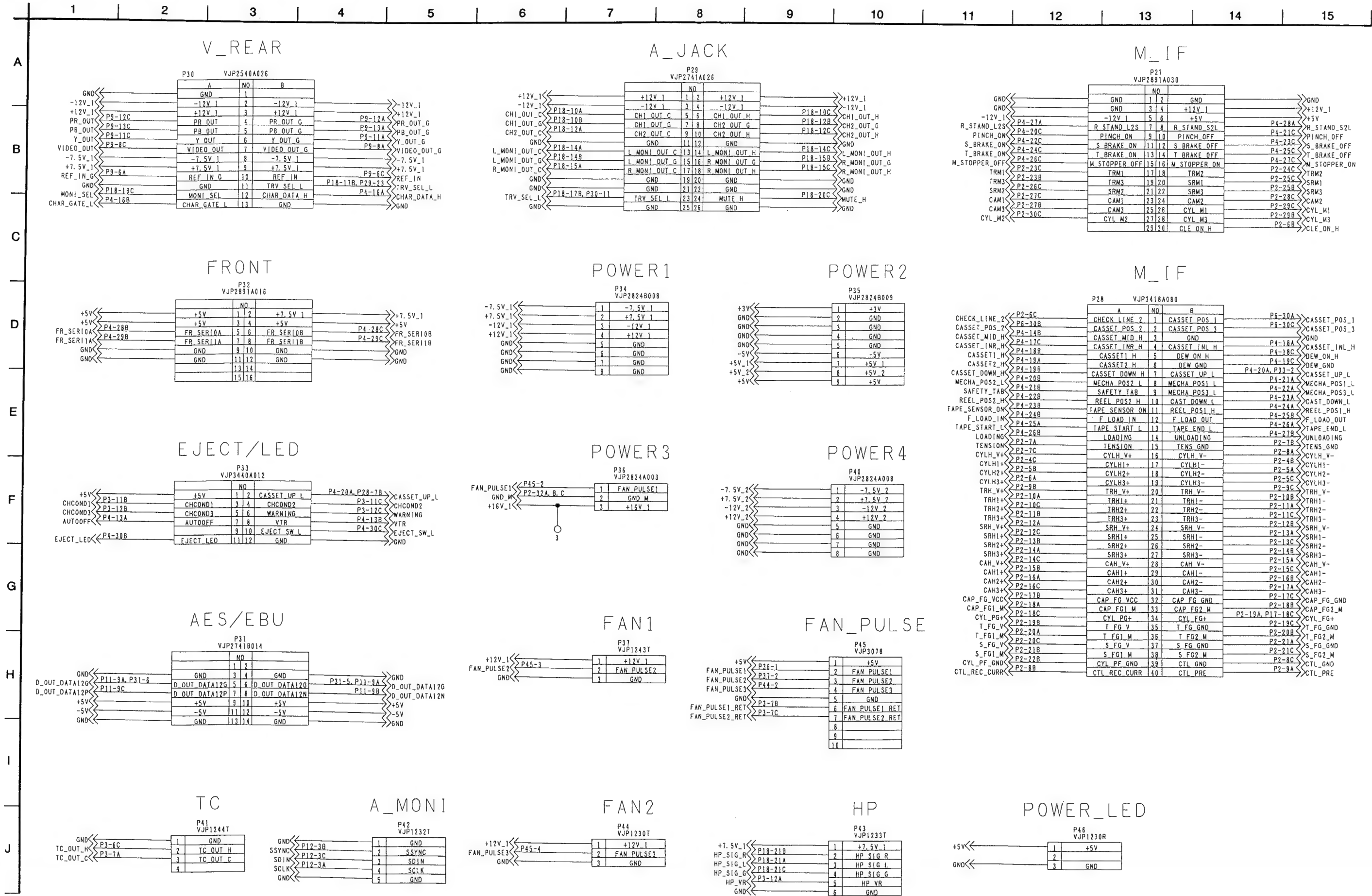




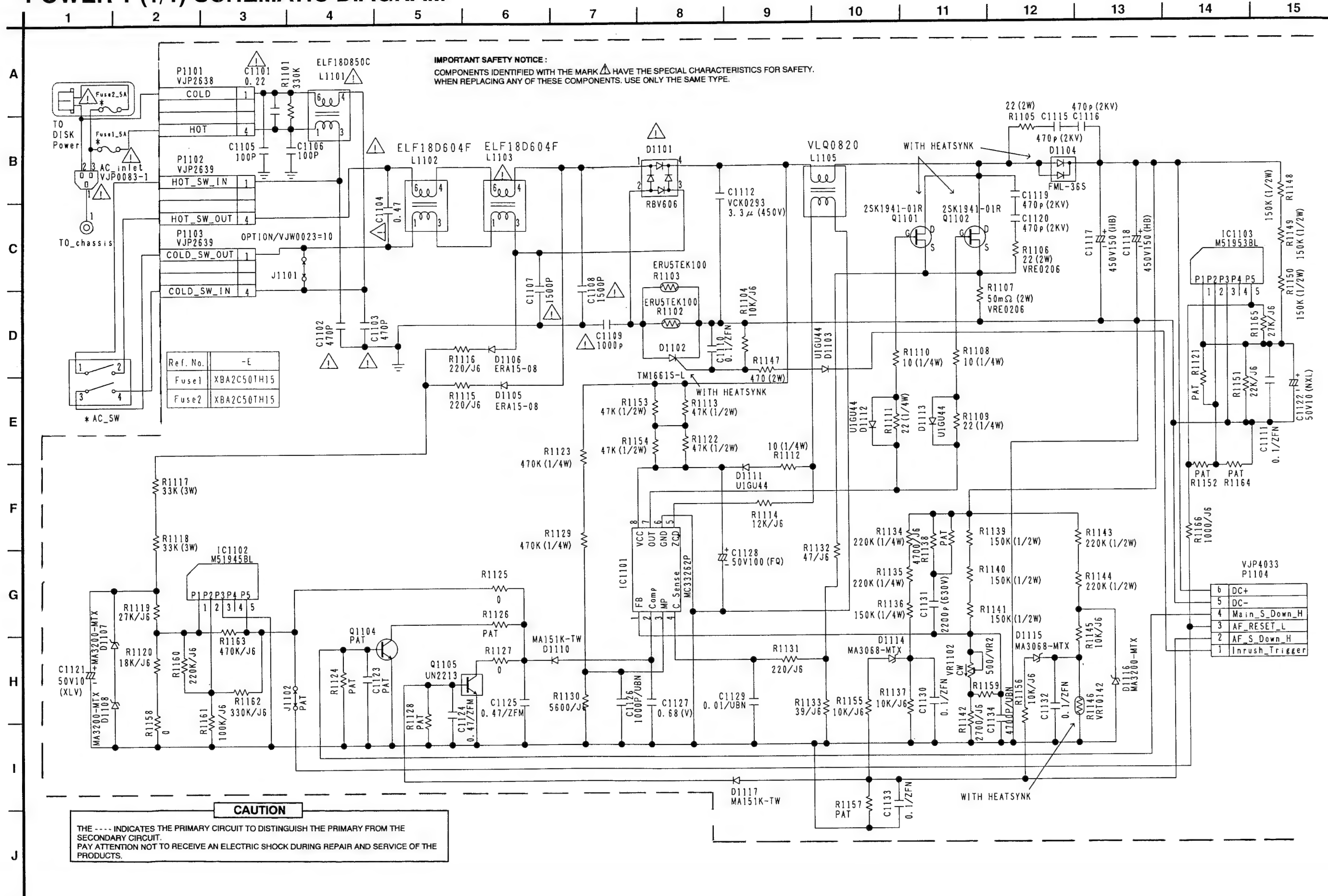
VTR MOTHER (11/12) SCHEMATIC DIAGRAM



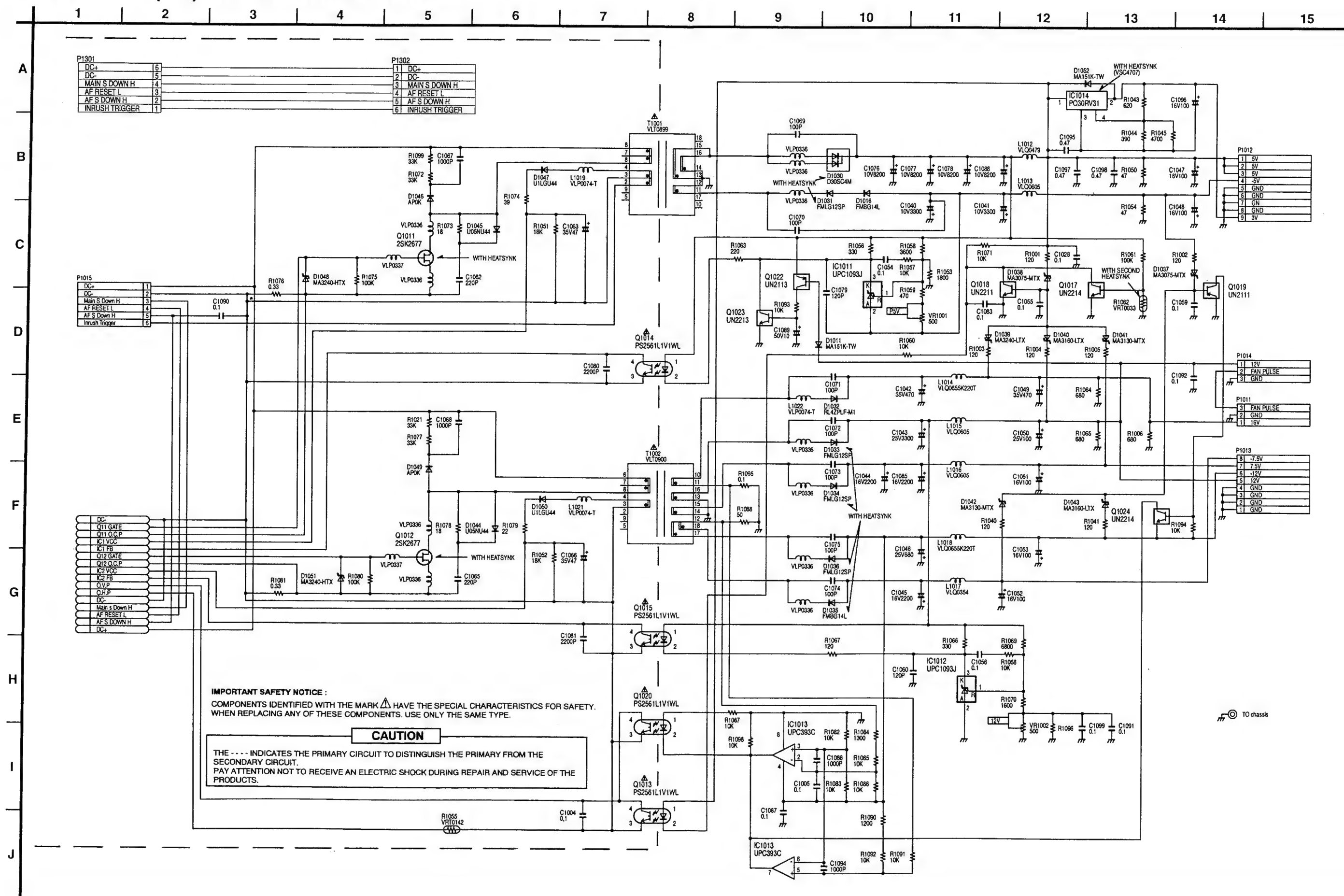
VTR MOTHER (12/12) SCHEMATIC DIAGRAM



# POWER 1 (1/1) SCHEMATIC DIAGRAM

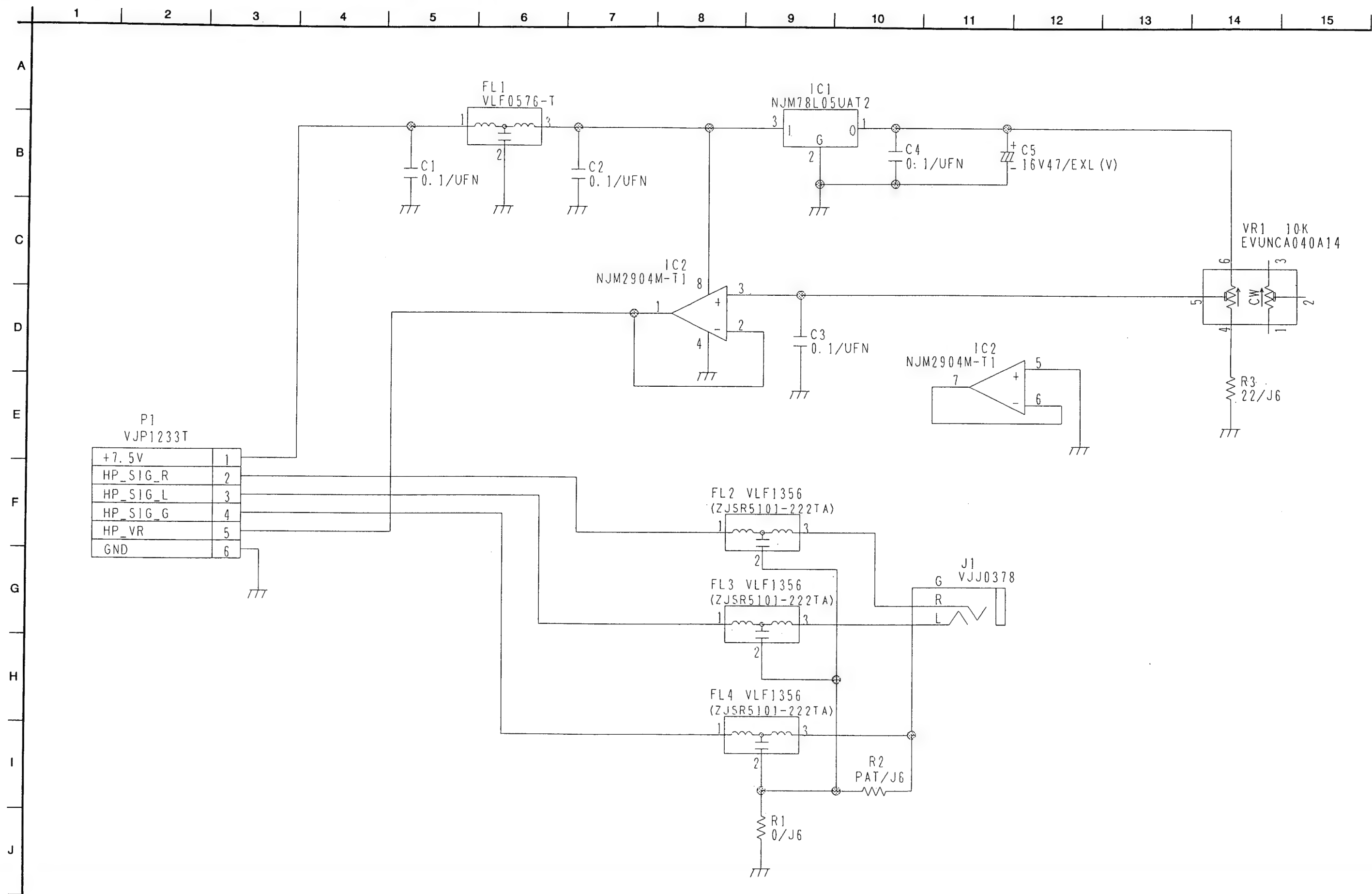


# POWER 2 (1/2) SCHEMATIC DIAGRAM

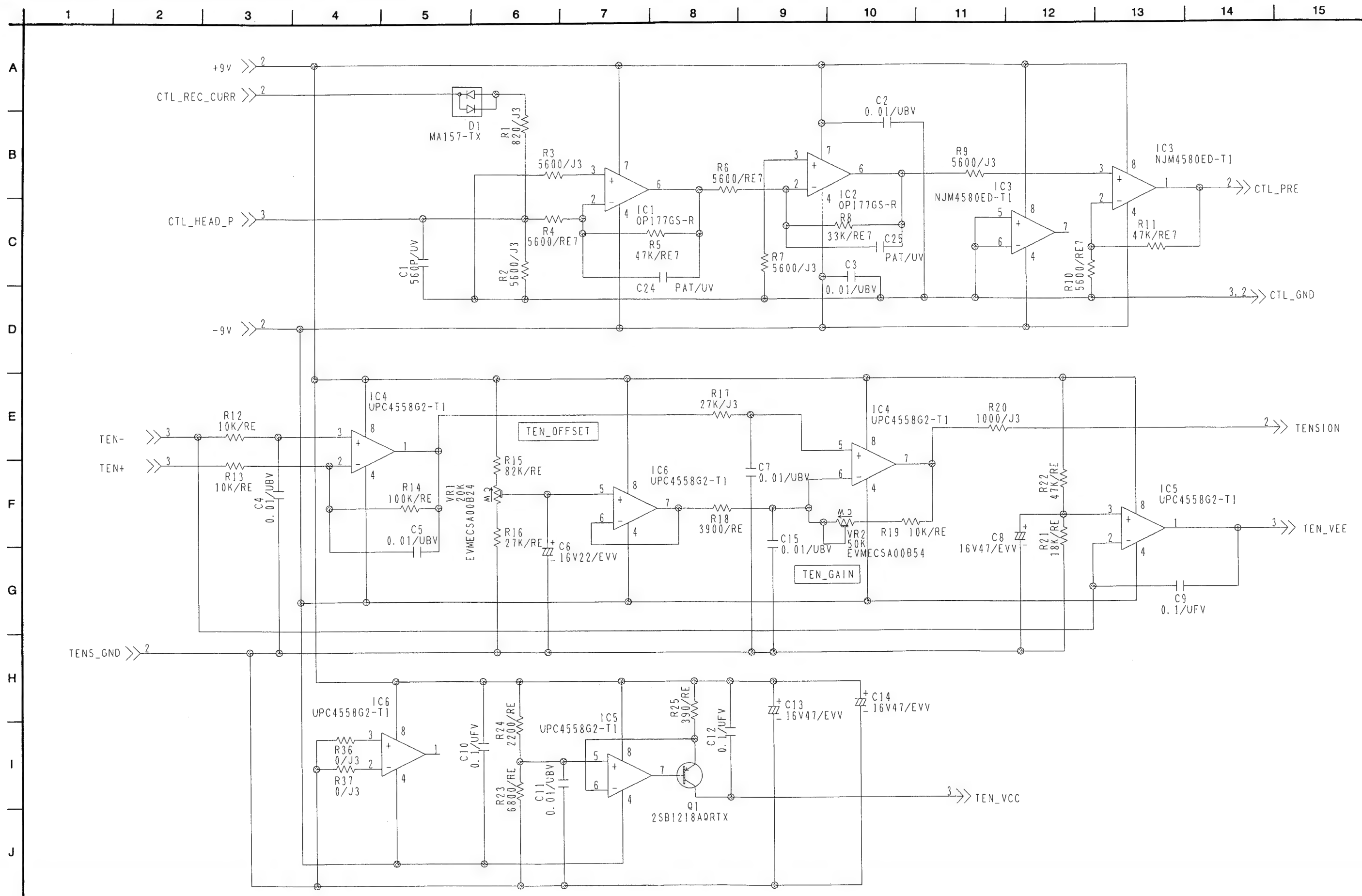


[illegible]

HEAD PHONE (1/1) SCHEMATIC DIAGRAM

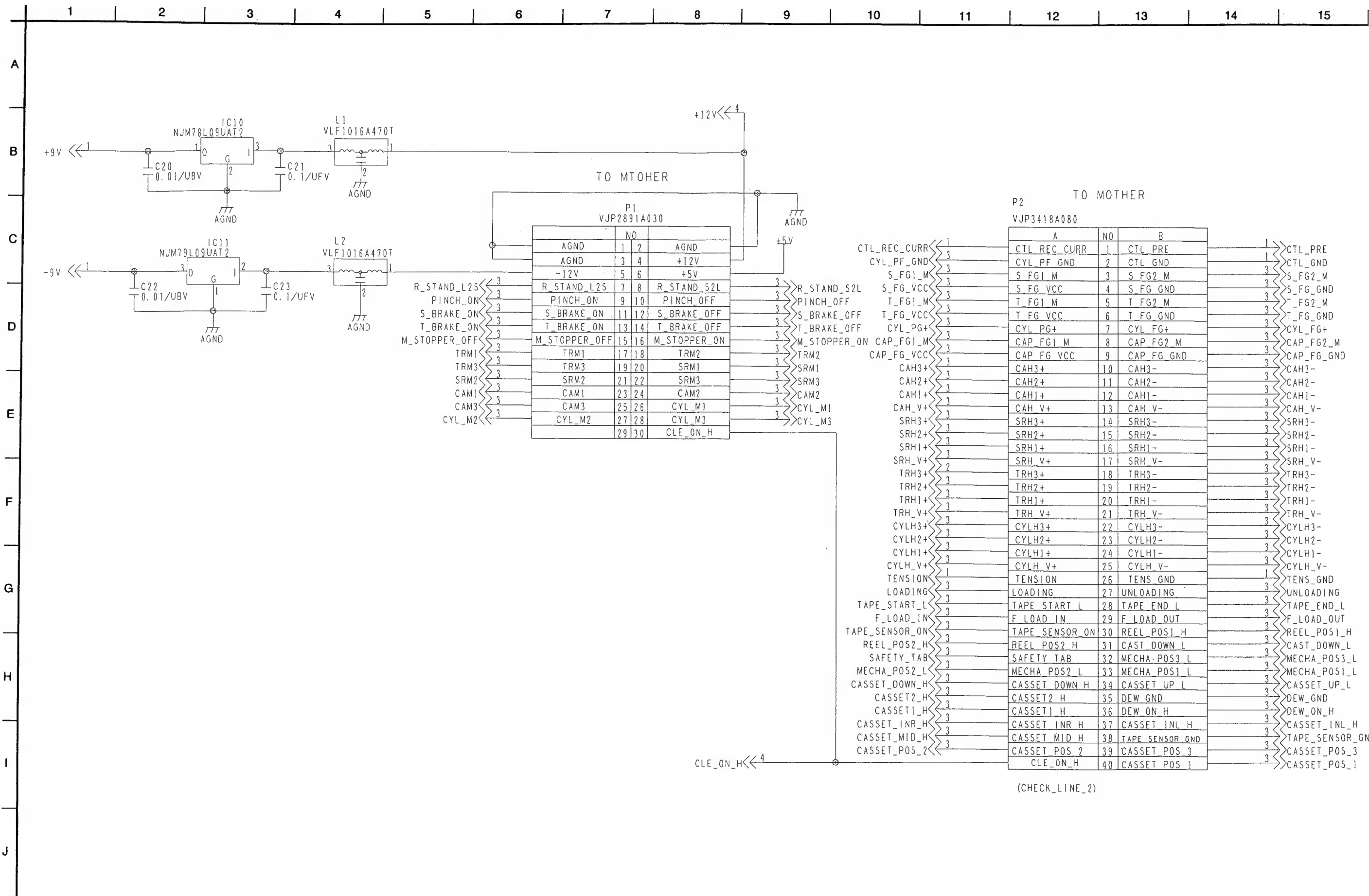


MECHA IF (1/4) SCHEMATIC DIAGRAM

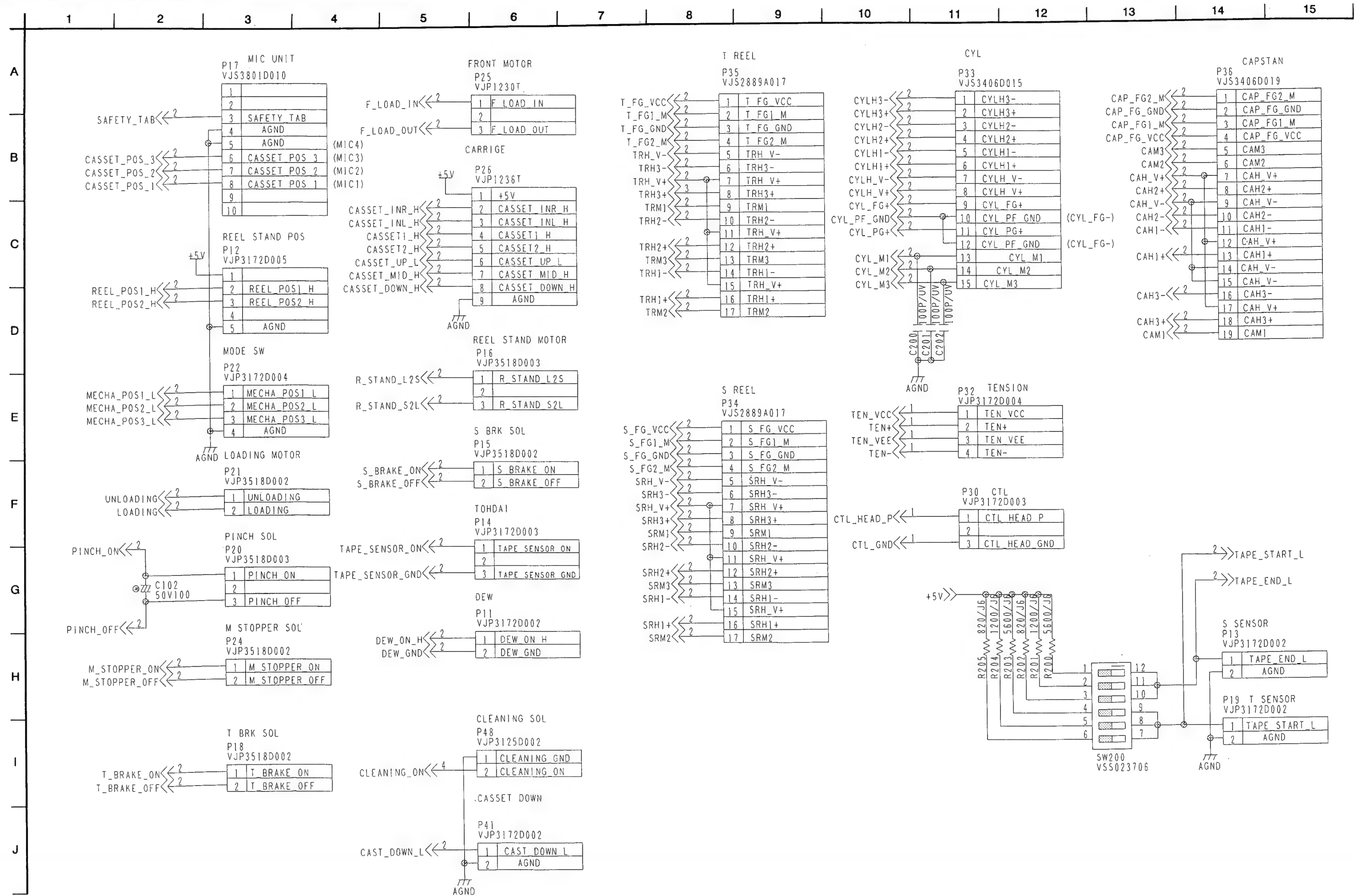




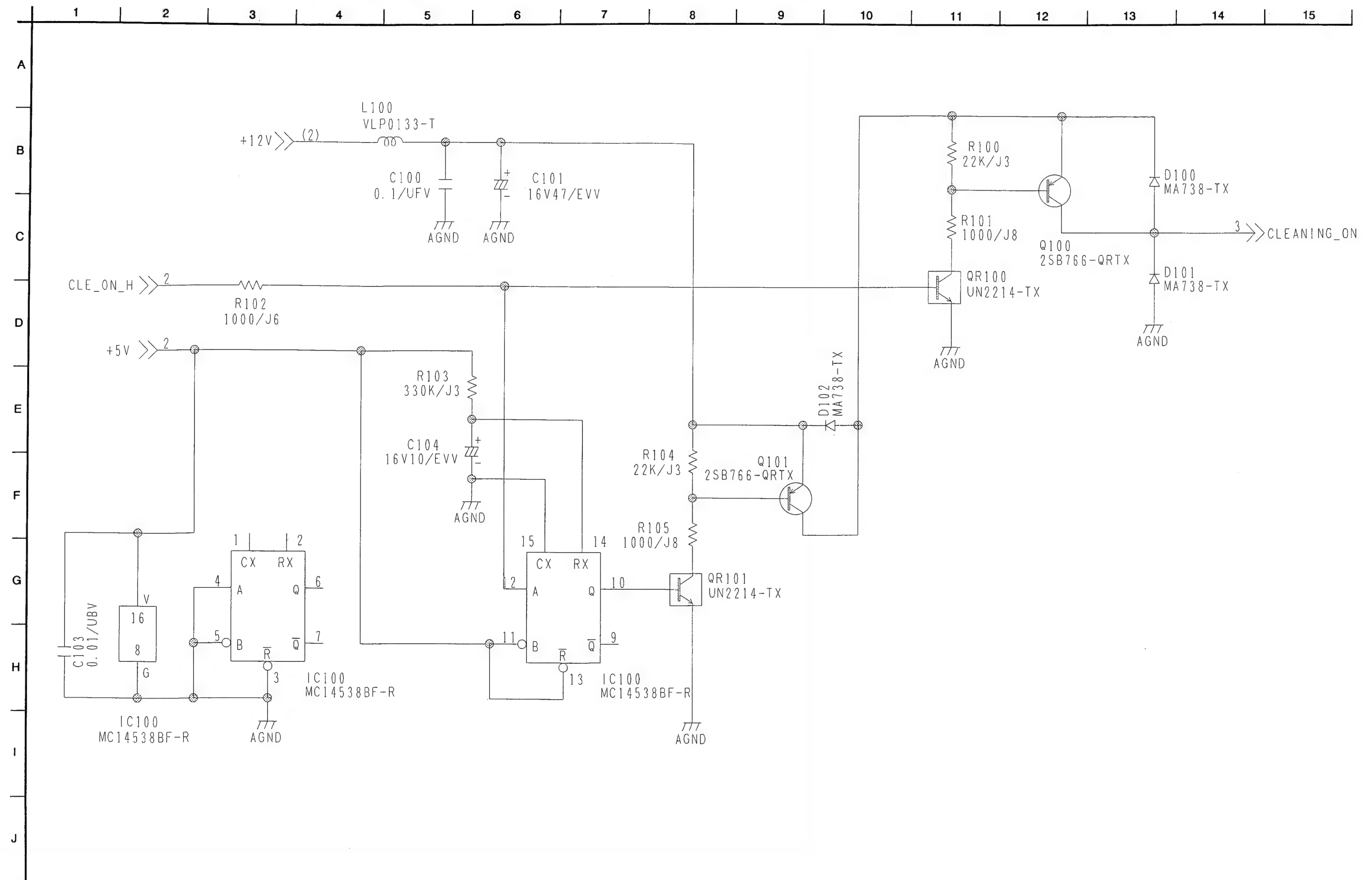
MECHA IF (2/4) SCHEMATIC DIAGRAM



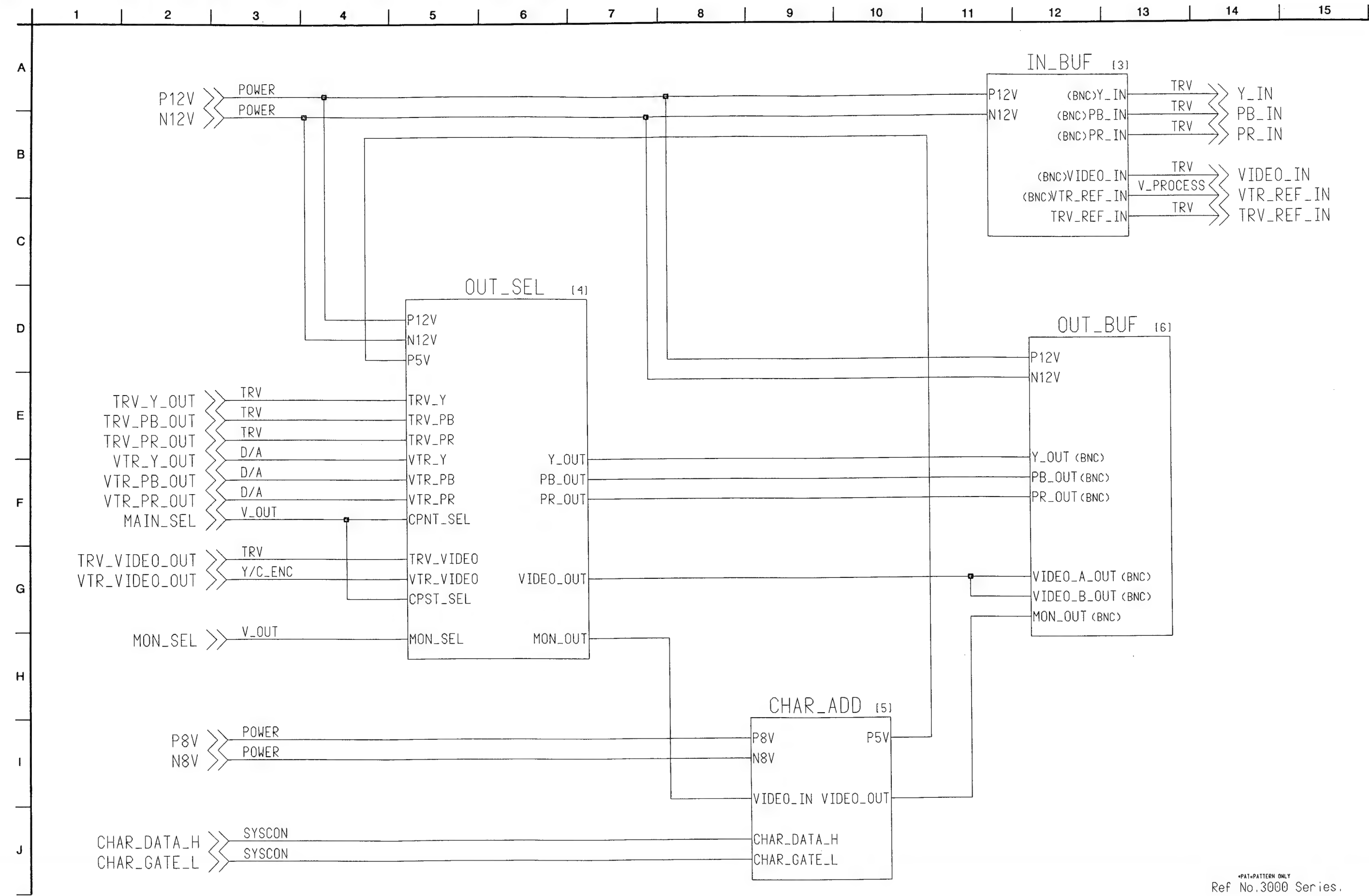
# MECHA IF (3/4) SCHEMATIC DIAGRAM



# MECHA IF (4/4) SCHEMATIC DIAGRAM

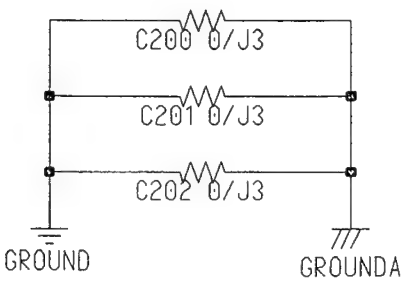
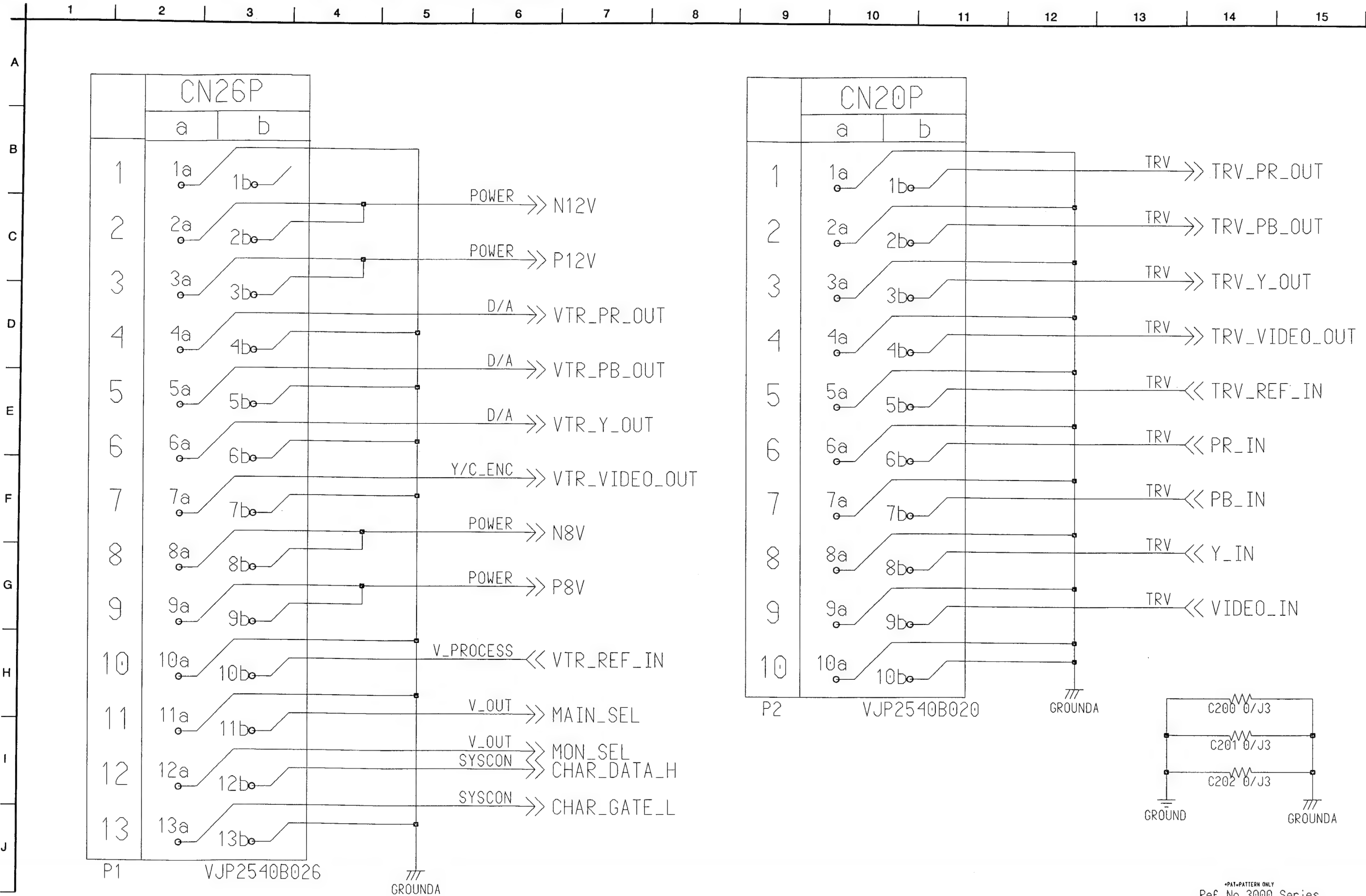


VIDEO REAR (1/6) V REAR SCHEMATIC DIAGRAM



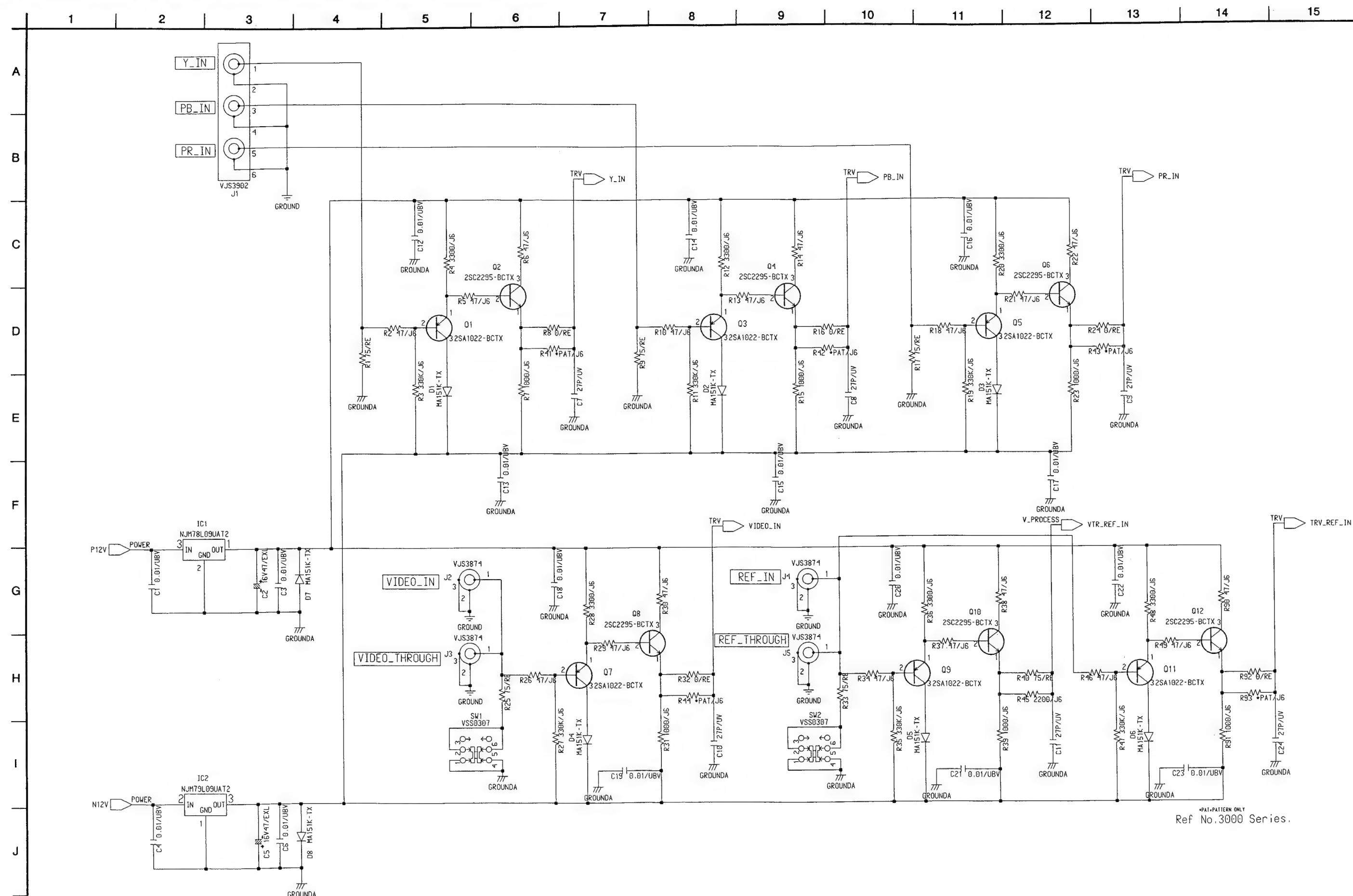
\*PAT= PATTERN ONLY  
Ref No. 3000 Series.

VIDEO REAR (2/6) V REAR SCHEMATIC DIAGRAM



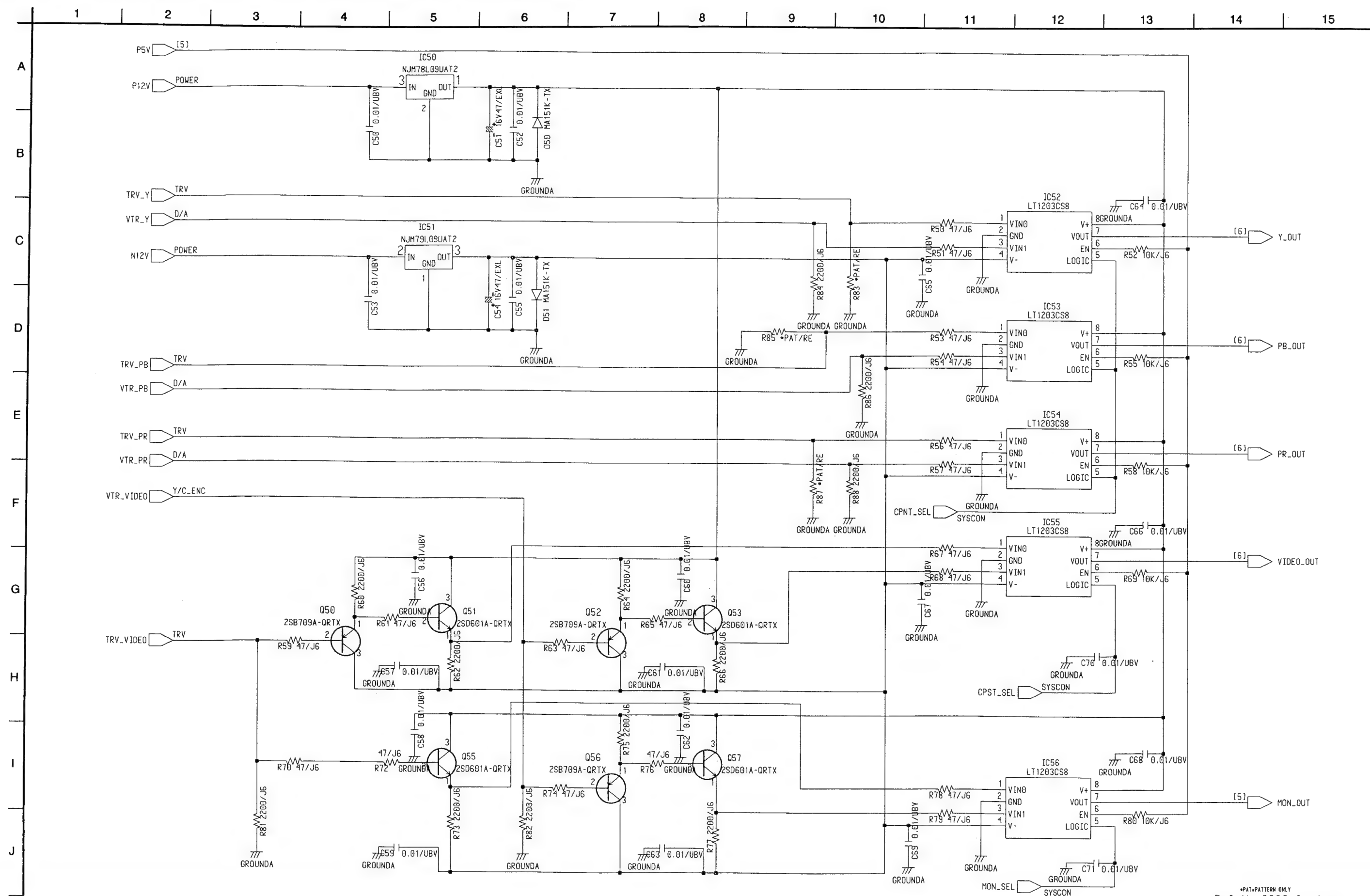
\*PAT-PATTERN ONLY  
Ref No.3000 Series.

# VIDEO REAR (3/6) IN BUF SCHEMATIC DIAGRAM



\*PAT+PATTERN ONLY  
Ref No.3000 Series.

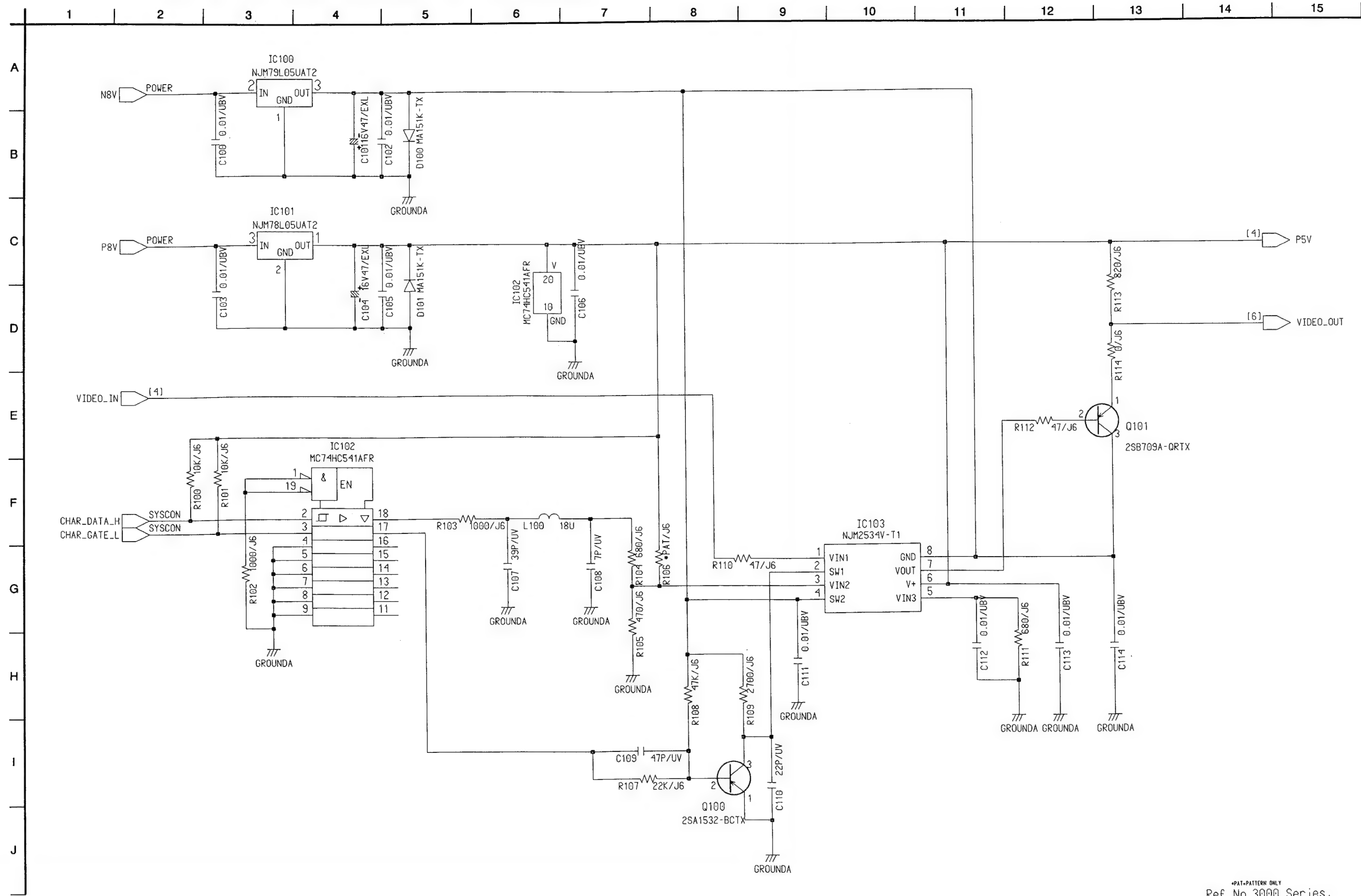
# VIDEO REAR (4/6) OUT SEL SCHEMATIC DIAGRAM



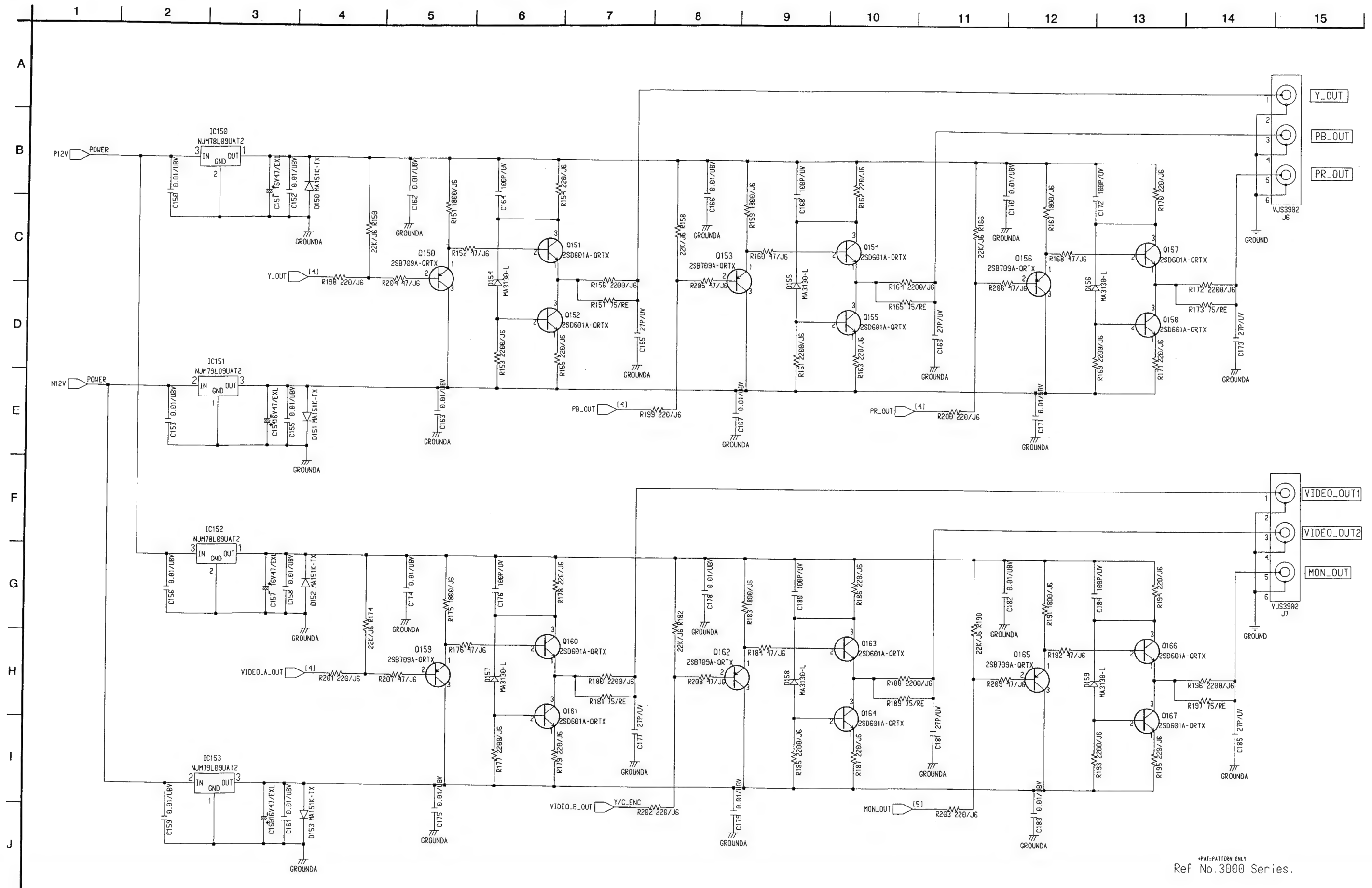
\*PAT. PATTERN ONLY  
Ref No.3000 Series.



VIDEO REAR (5/6) CHAR ADD SCHEMATIC DIAGRAM

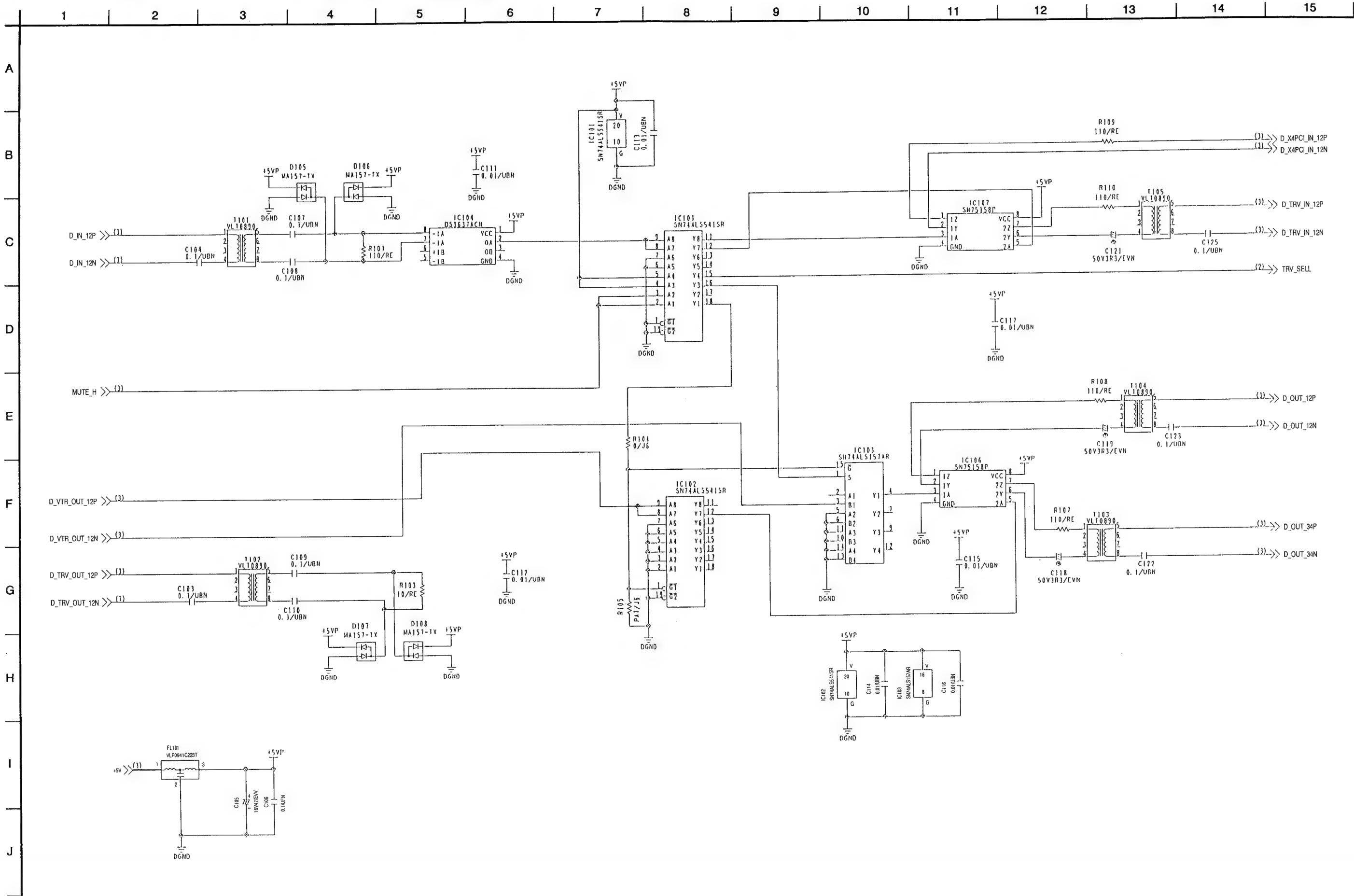


# VIDEO REAR (6/6) OUT BUF SCHEMATIC DIAGRAM

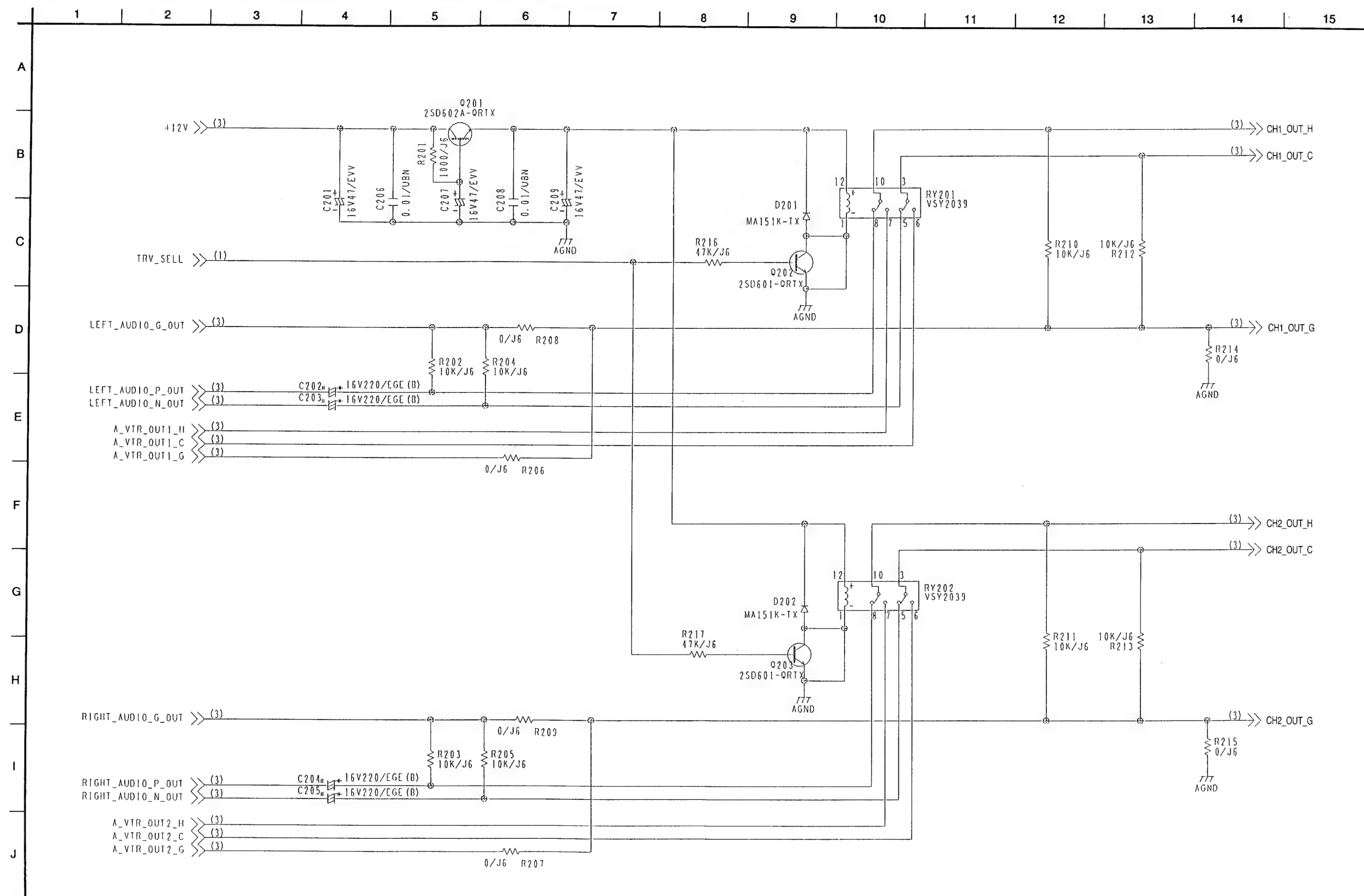


\*PAT=PATTERN ONLY  
Ref No.3000 Series.

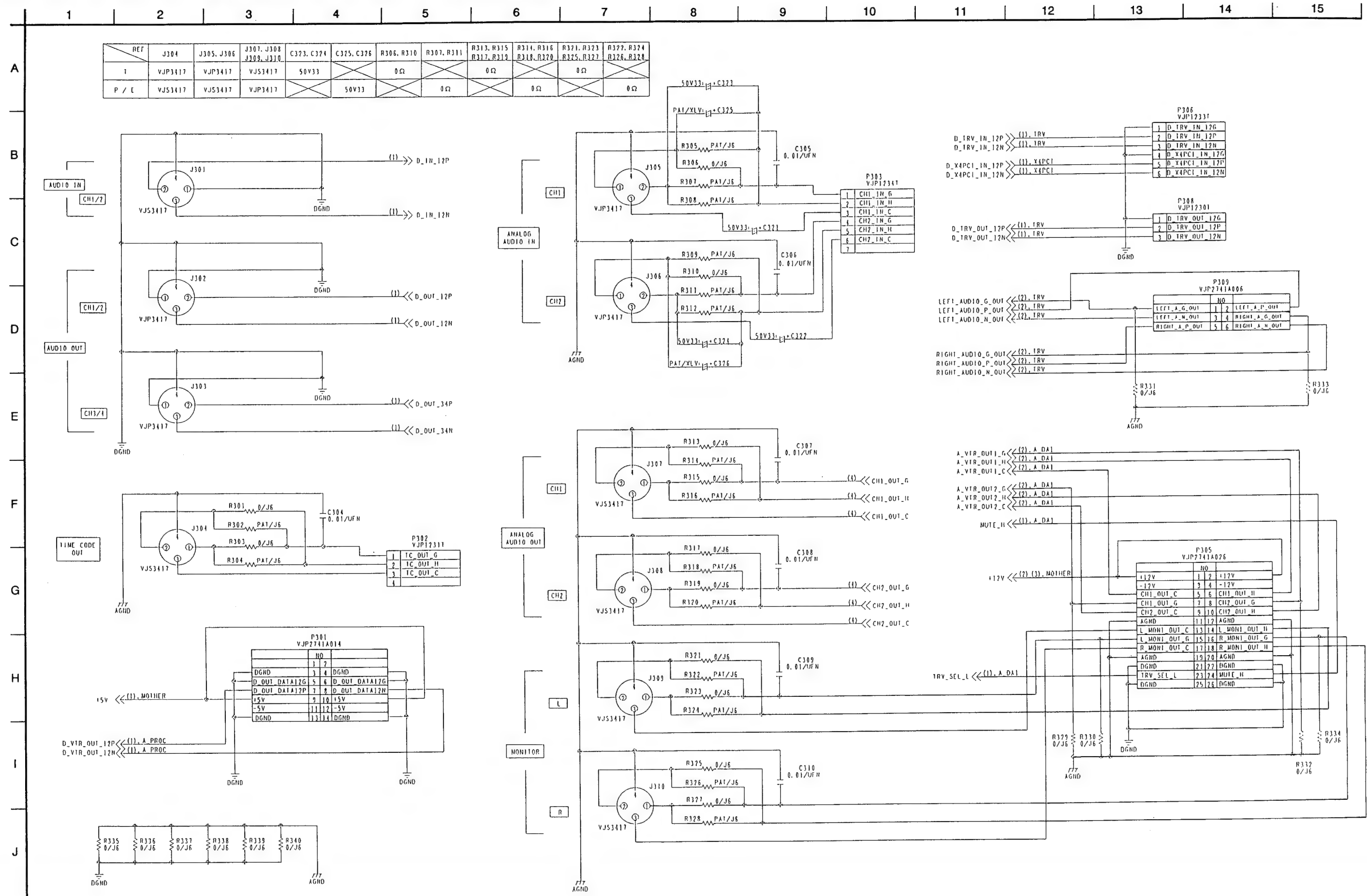
## AUDIO REAR (1/3) DIO SCHEMATIC DIAGRAM



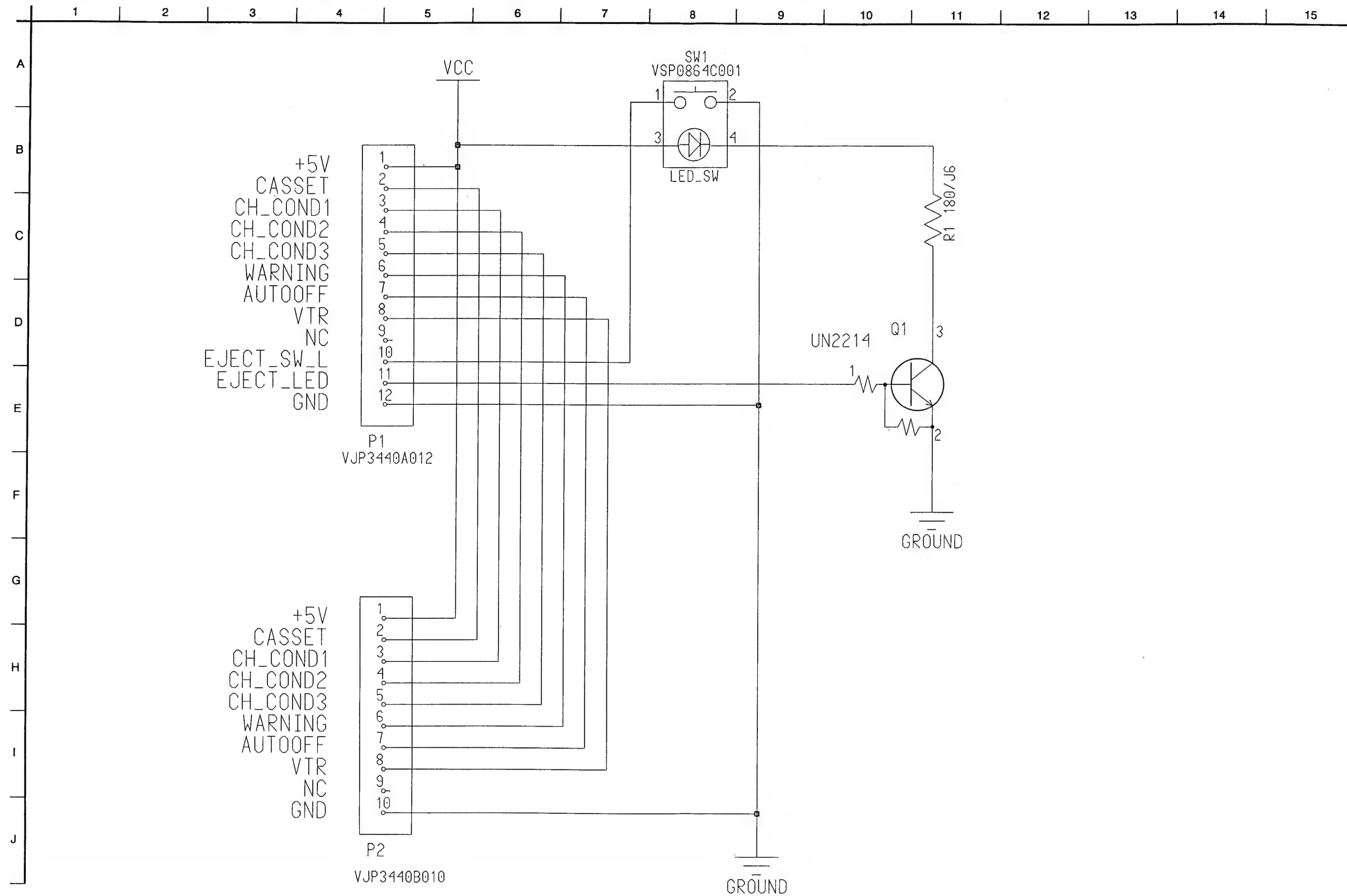
# AUDIO REAR (2/3) A CH1,2 OUT SCHEMATIC DIAGRAM



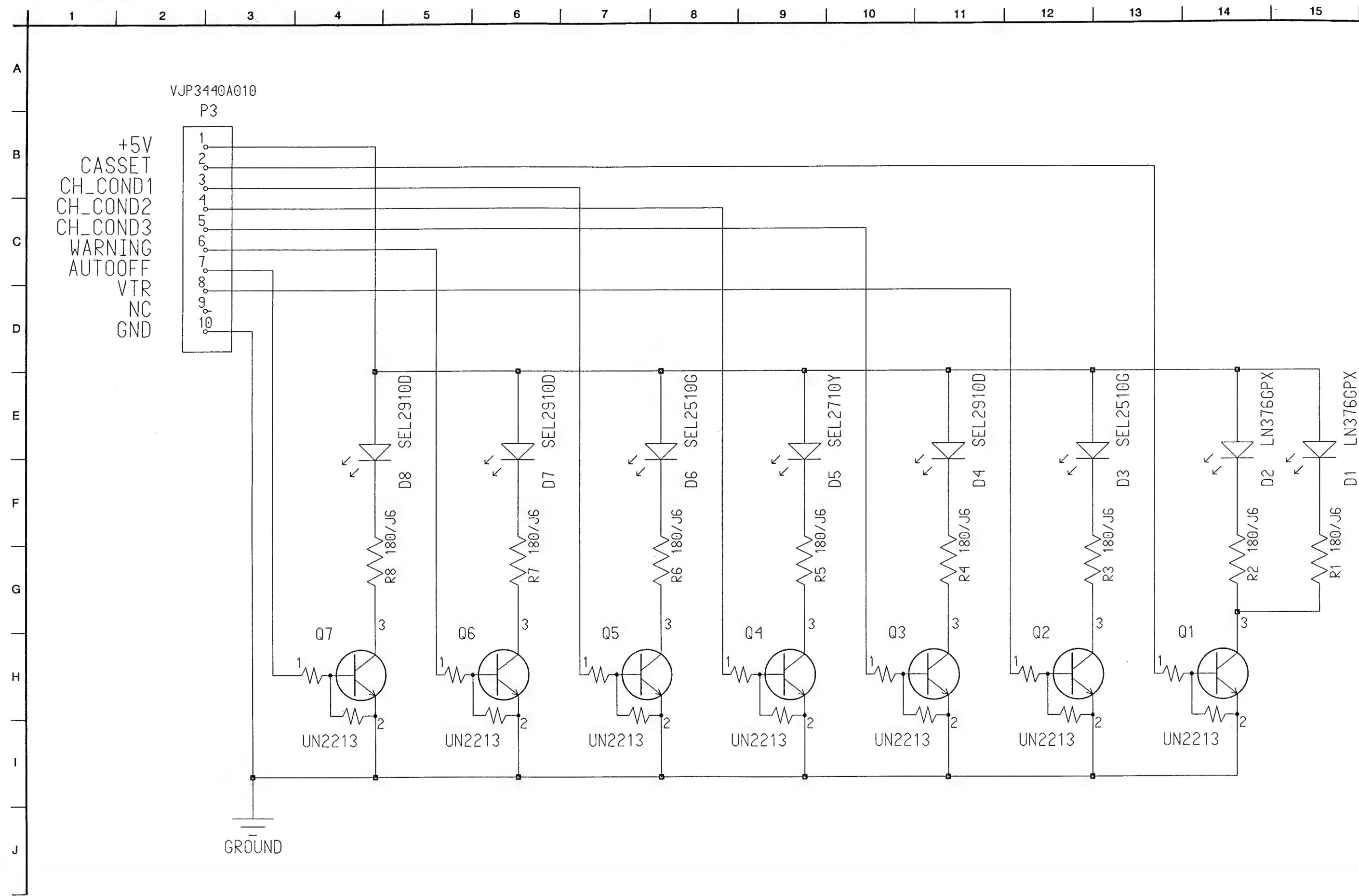
AUDIO REAR (3/3) A JACK SCHEMATIC DIAGRAM



# EJECT (1/1) SCHEMATIC DIAGRAM

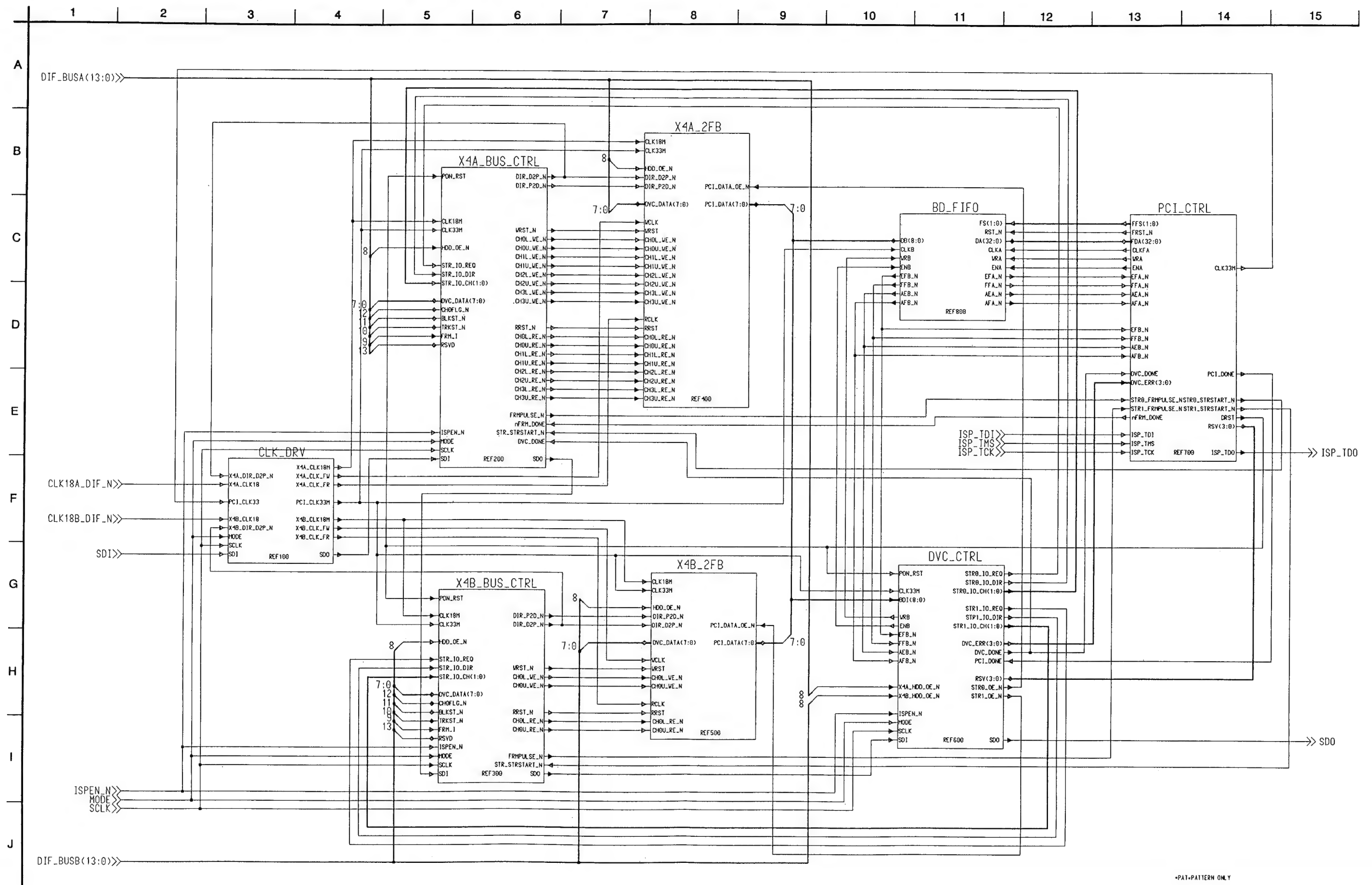


FRONT LED (1/1) SCHEMATIC DIAGRAM



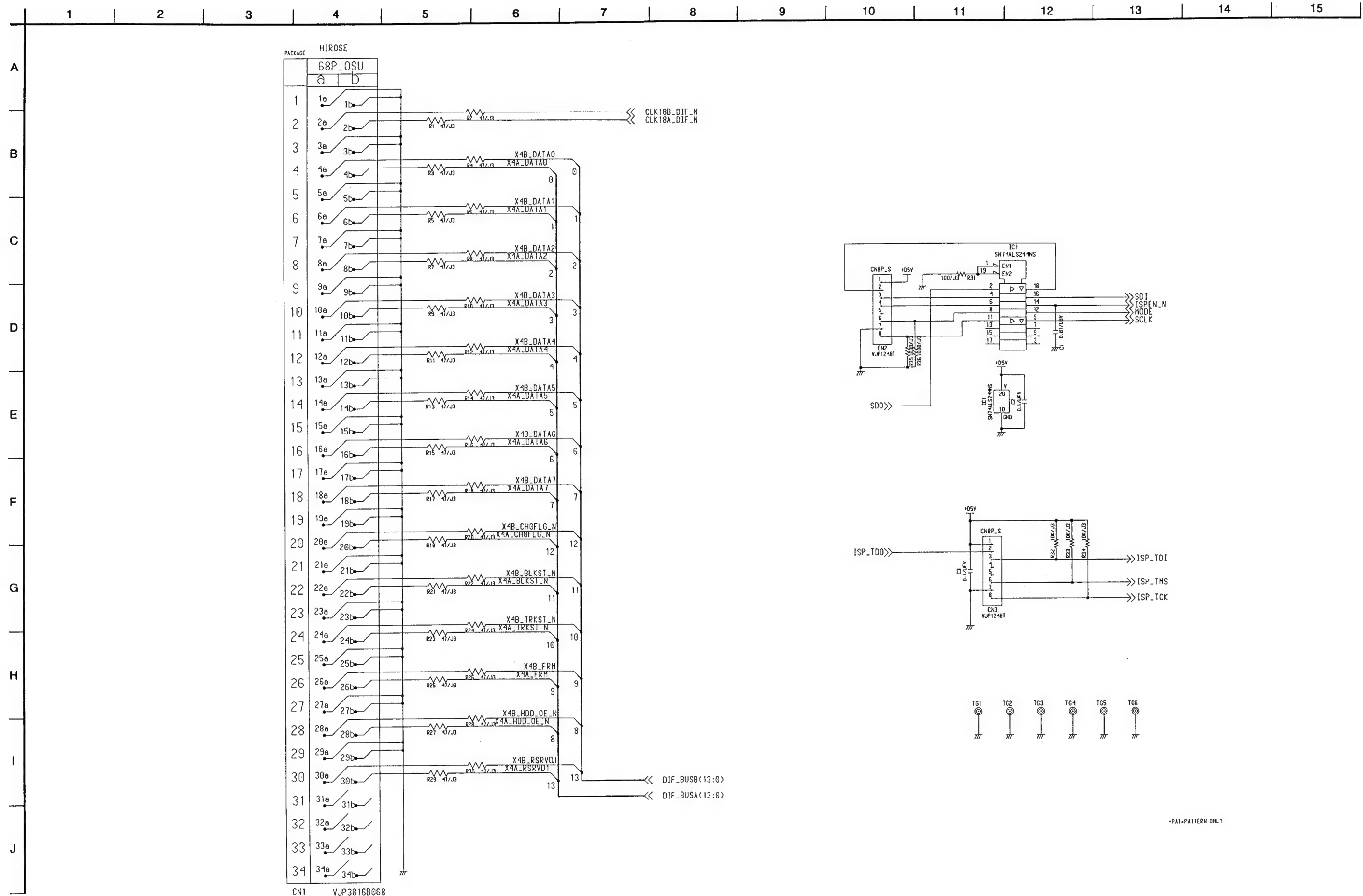


# X4 PCI I/F (1/10) X4 PCI SCHEMATIC DIAGRAM

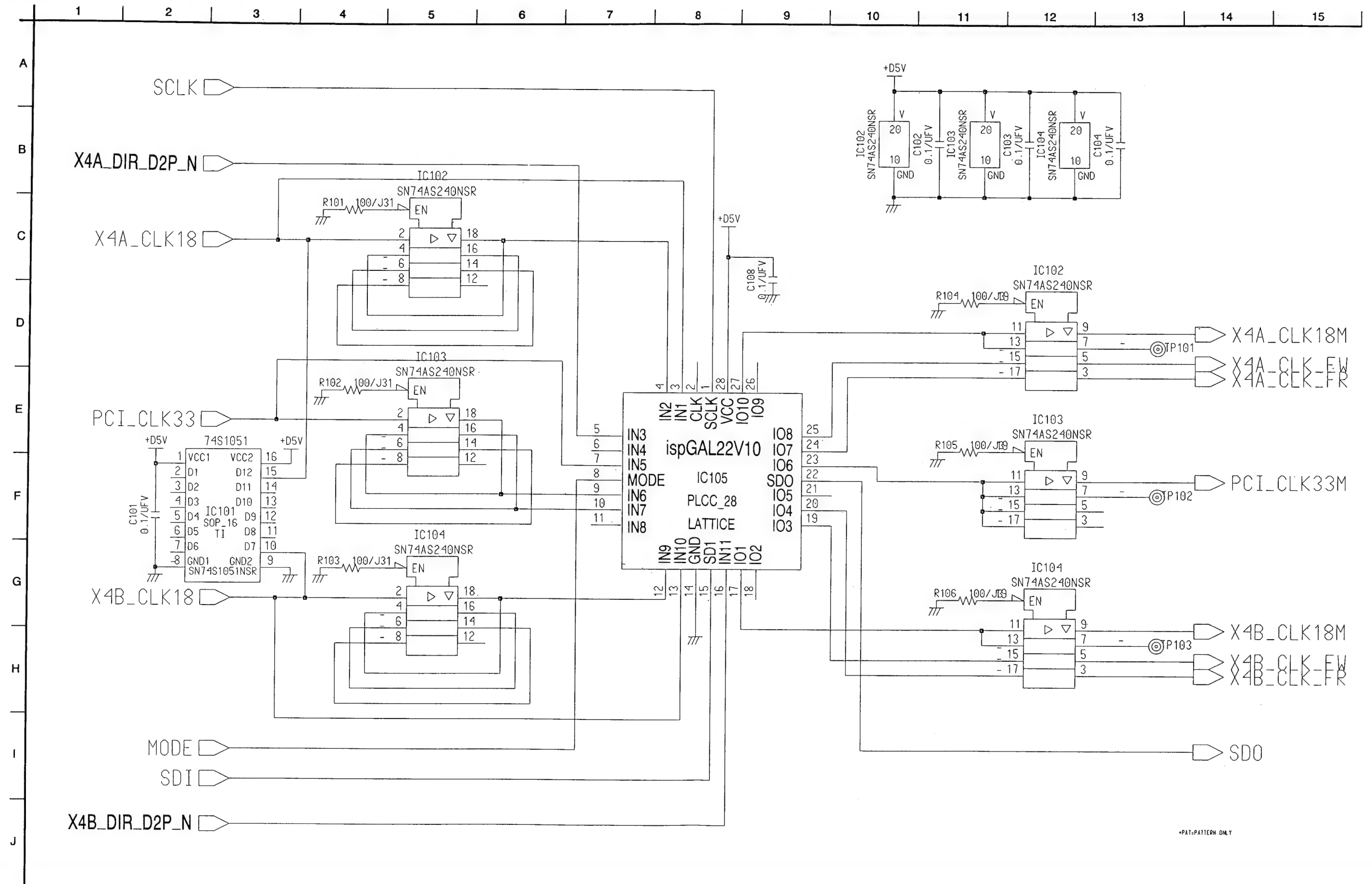


\*PAT+PATTERN ONLY

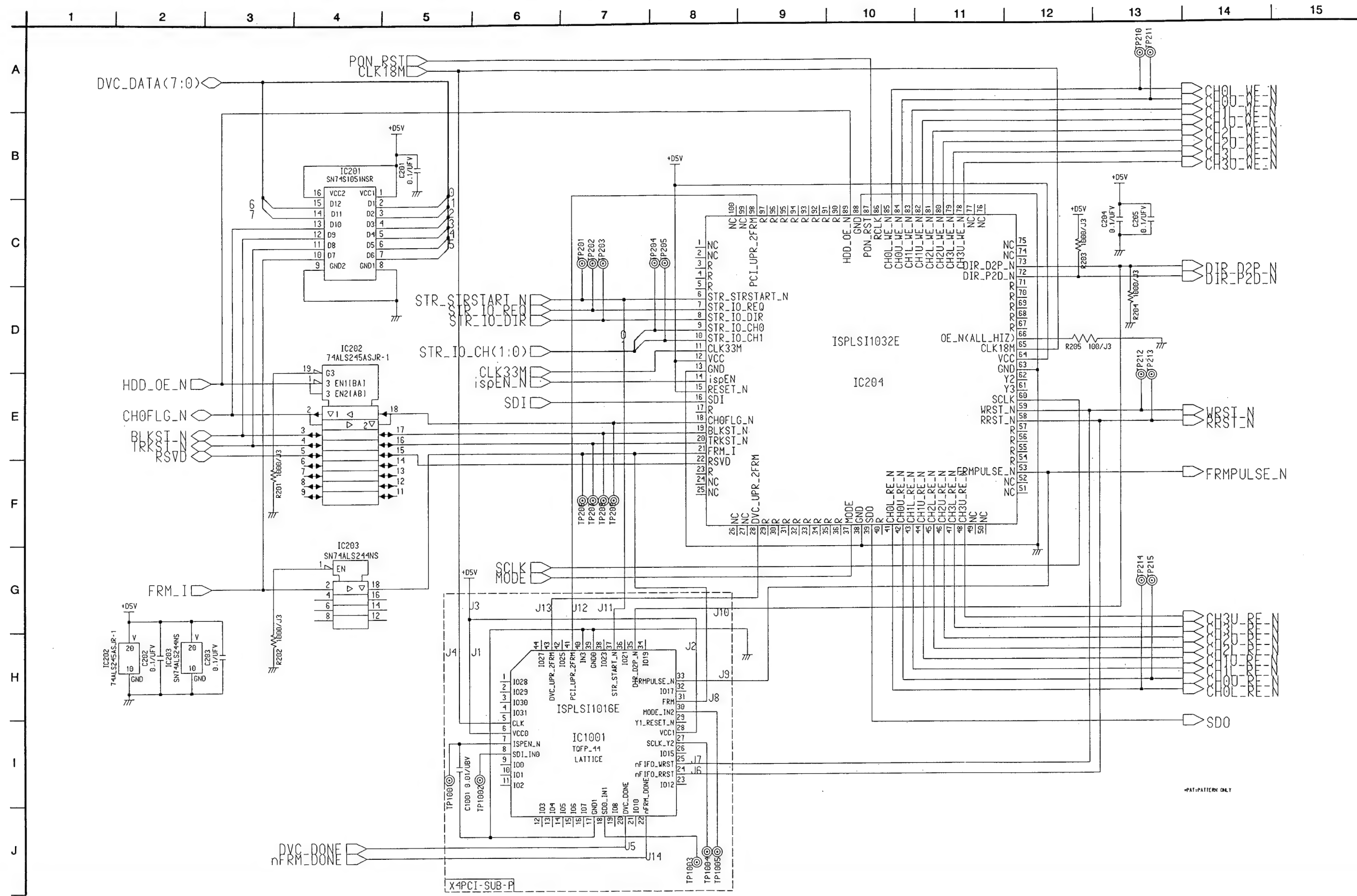
# X4 PCI I/F (2/10) X4 PCI SCHEMATIC DIAGRAM



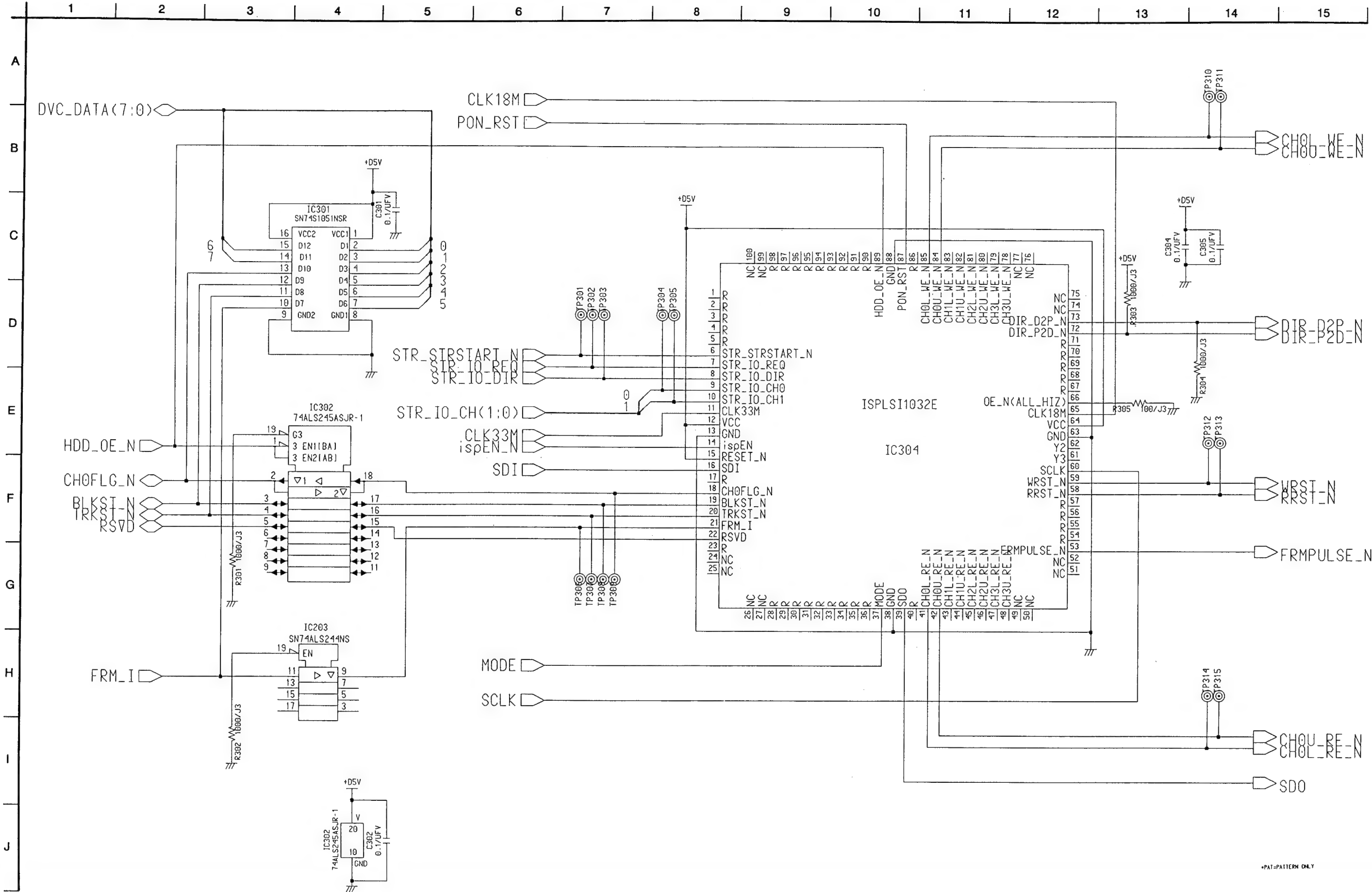
# X4 PCI I/F (3/10) CLK DRV SCHEMATIC DIAGRAM



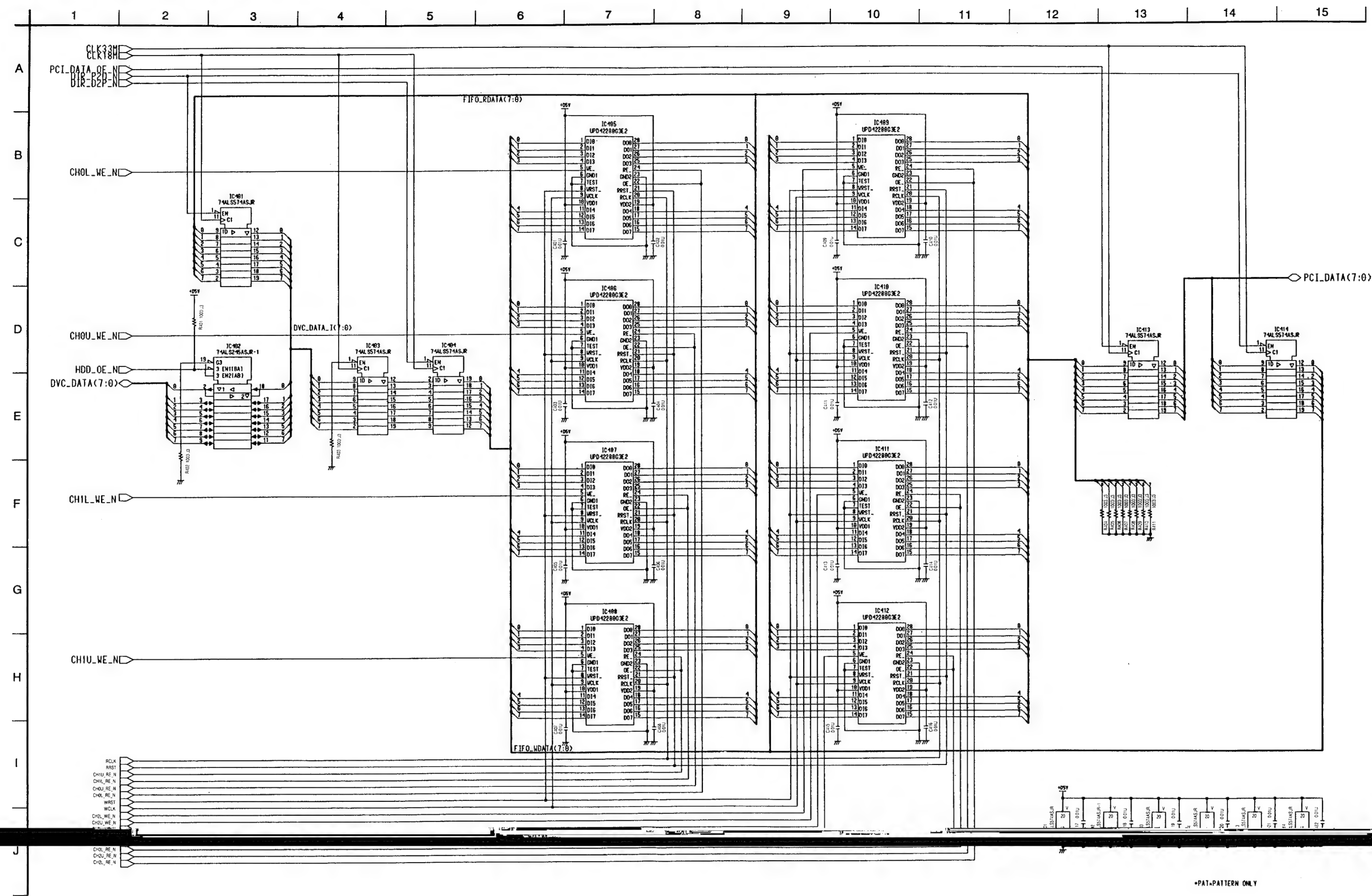
X4 PCI I/F (4/10) X4A BUS CTRL SCHEMATIC DIAGRAM



X4 PCI I/F (5/10) X4B BUS CTRL SCHEMATIC DIAGRAM

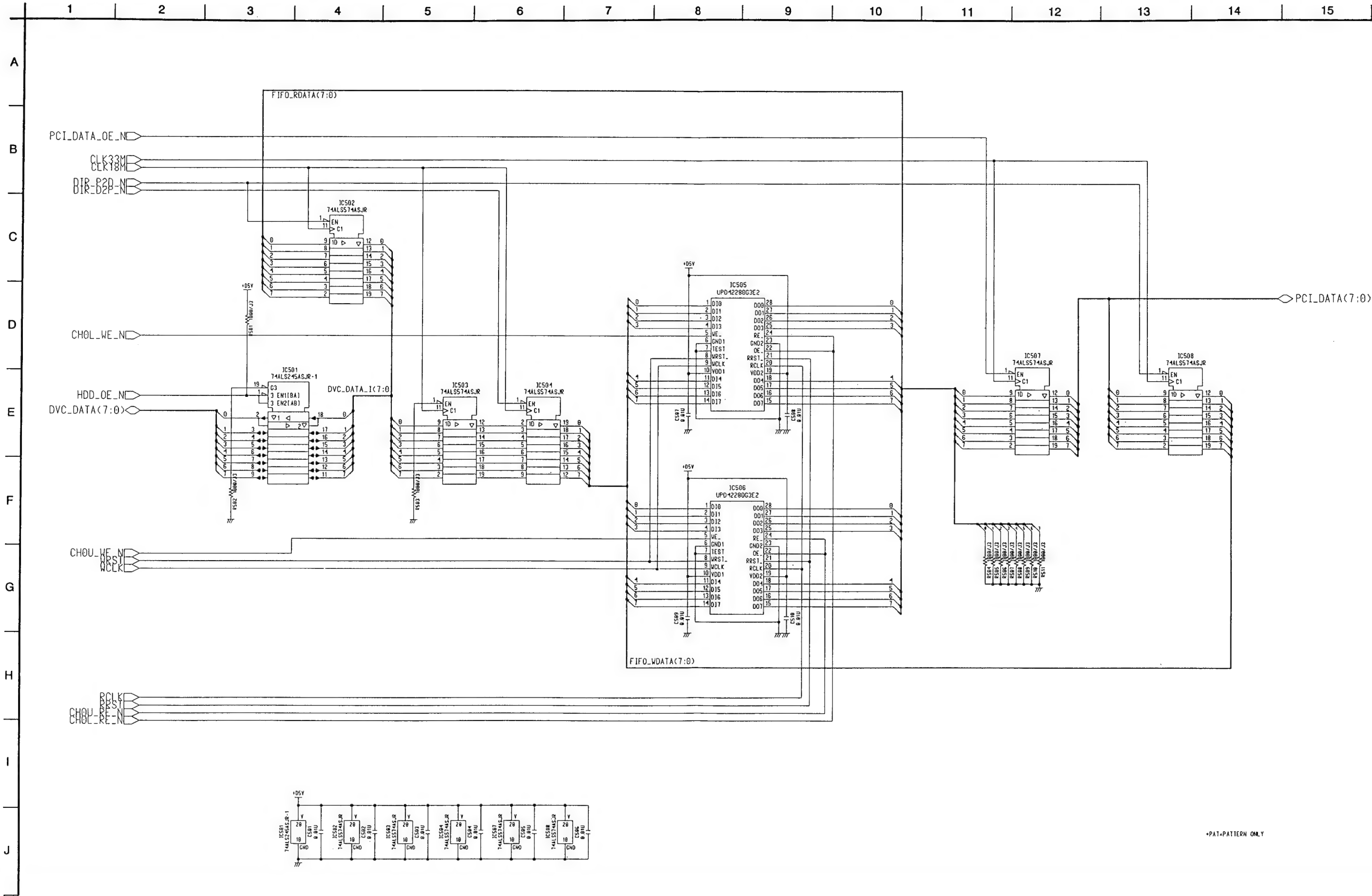


X4 PCI I/F (6/10) X4A 2FB SCHEMATIC DIAGRAM



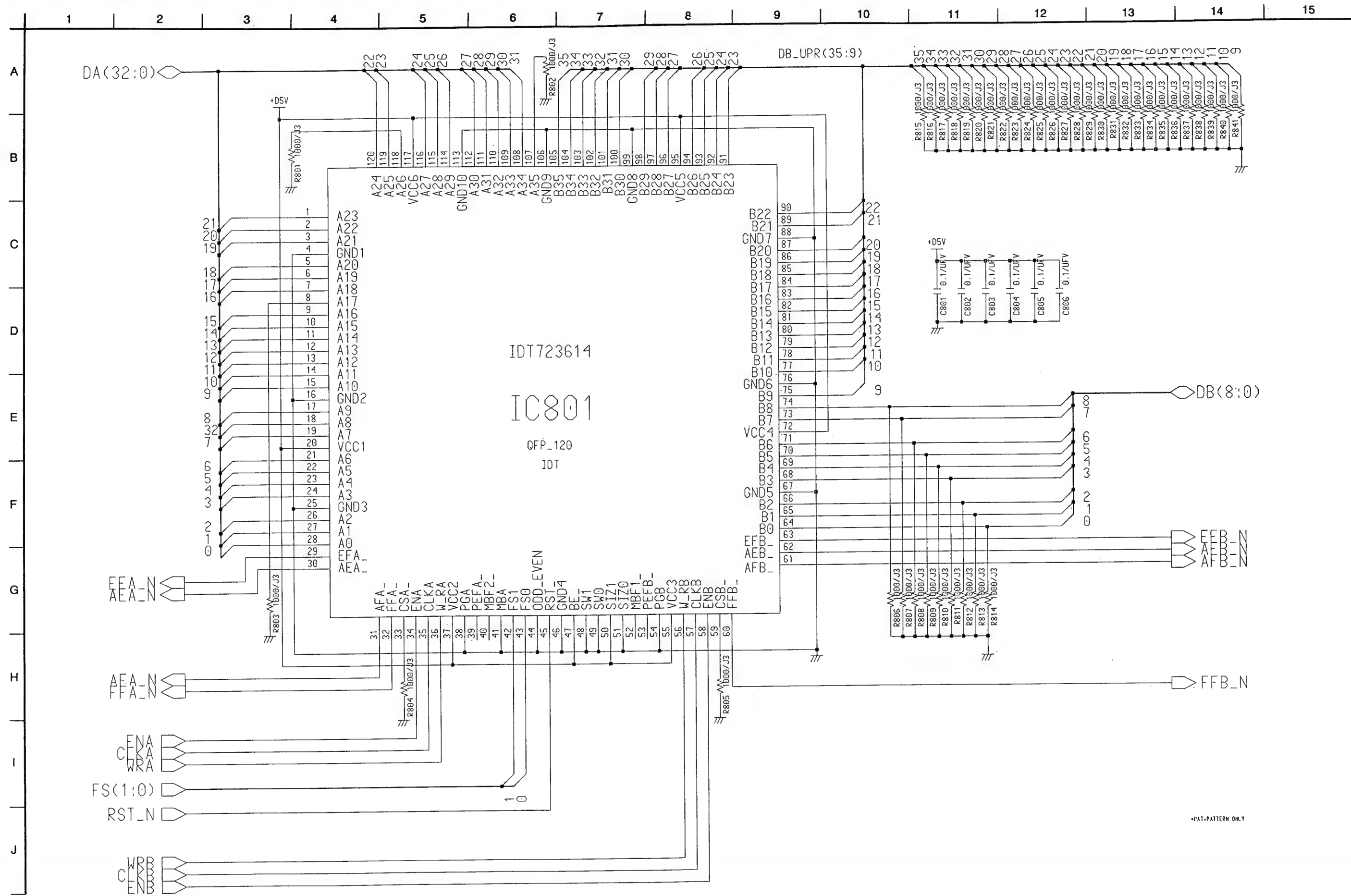
\*PAT-PATTERN ONLY

X4 PCI I/F (7/10) X4B 2FB SCHEMATIC DIAGRAM

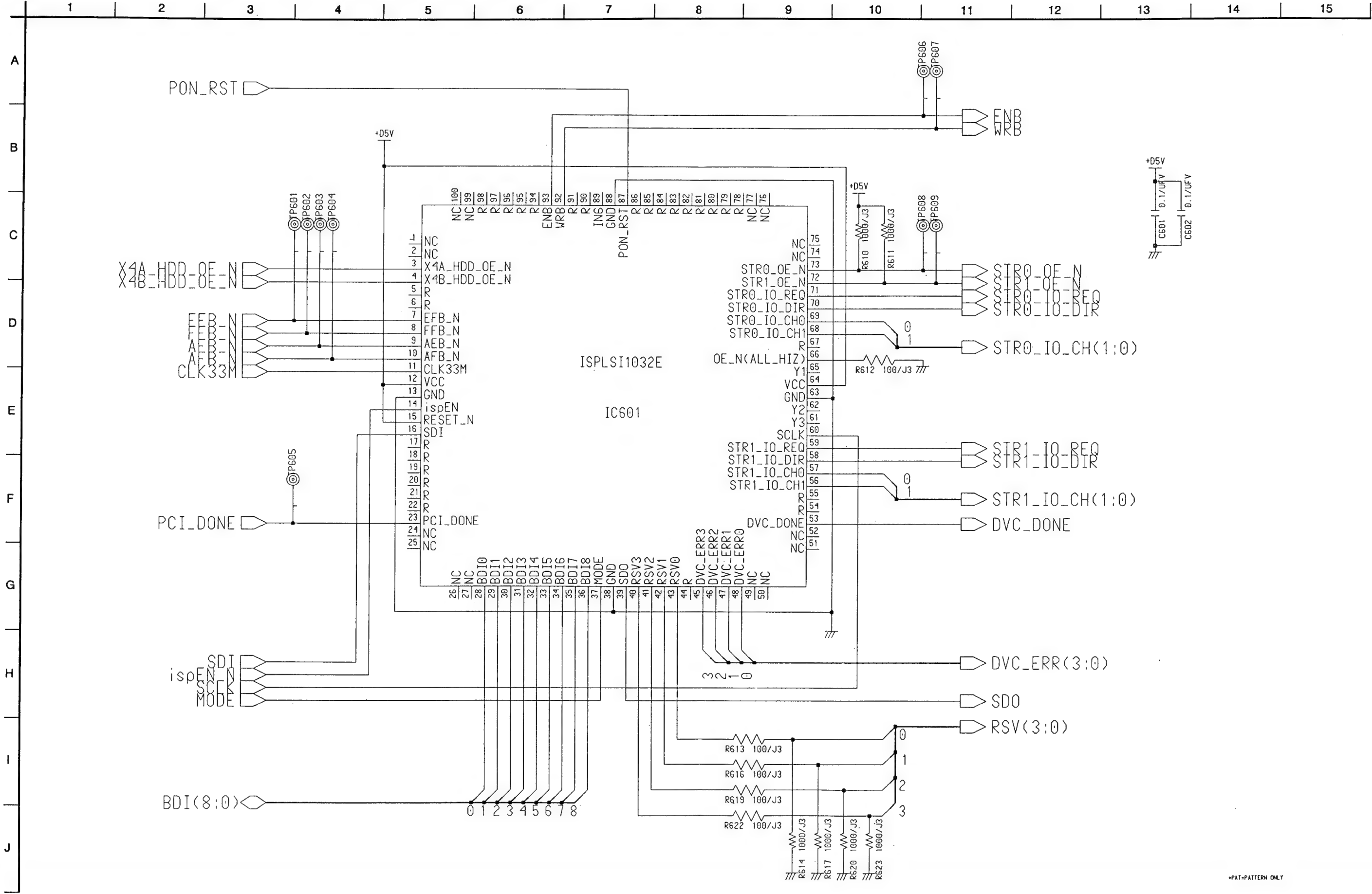




X4 PCI I/F (8/10) BD FIFO SCHEMATIC DIAGRAM



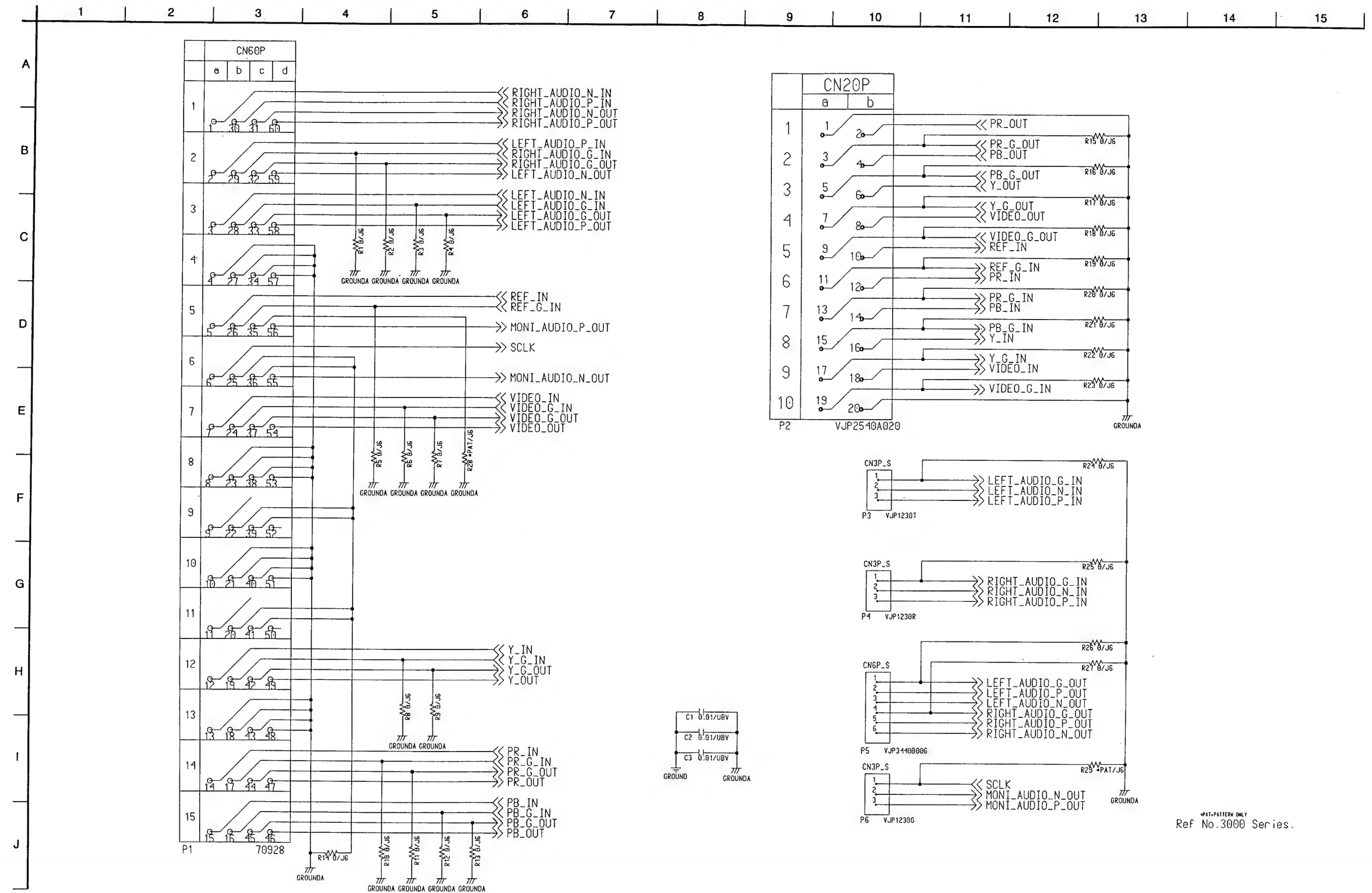
X4 PCI I/F (9/10) DVC CTRL SCHEMATIC DIAGRAM



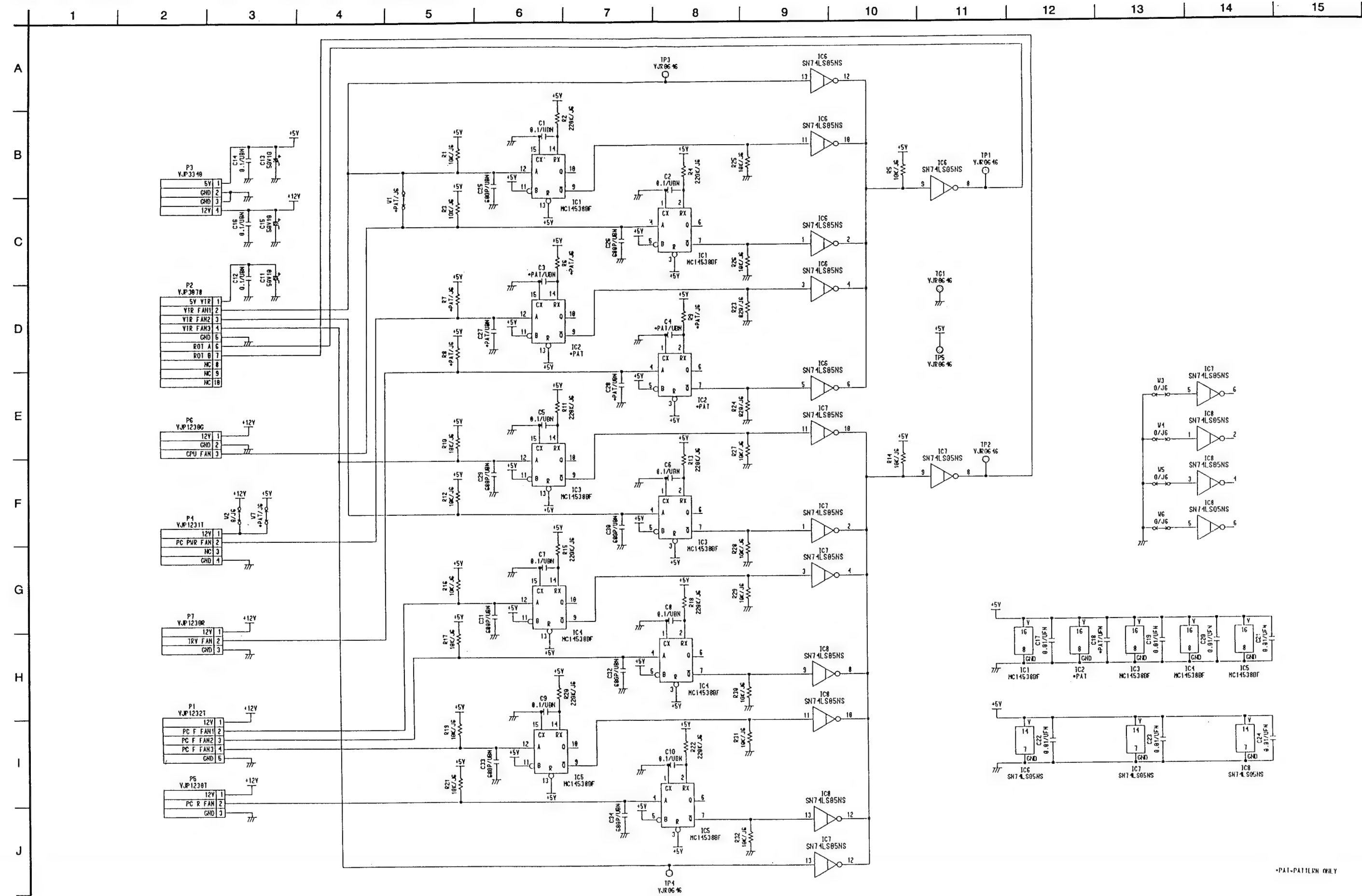
\*PAT-PATTERN ONLY

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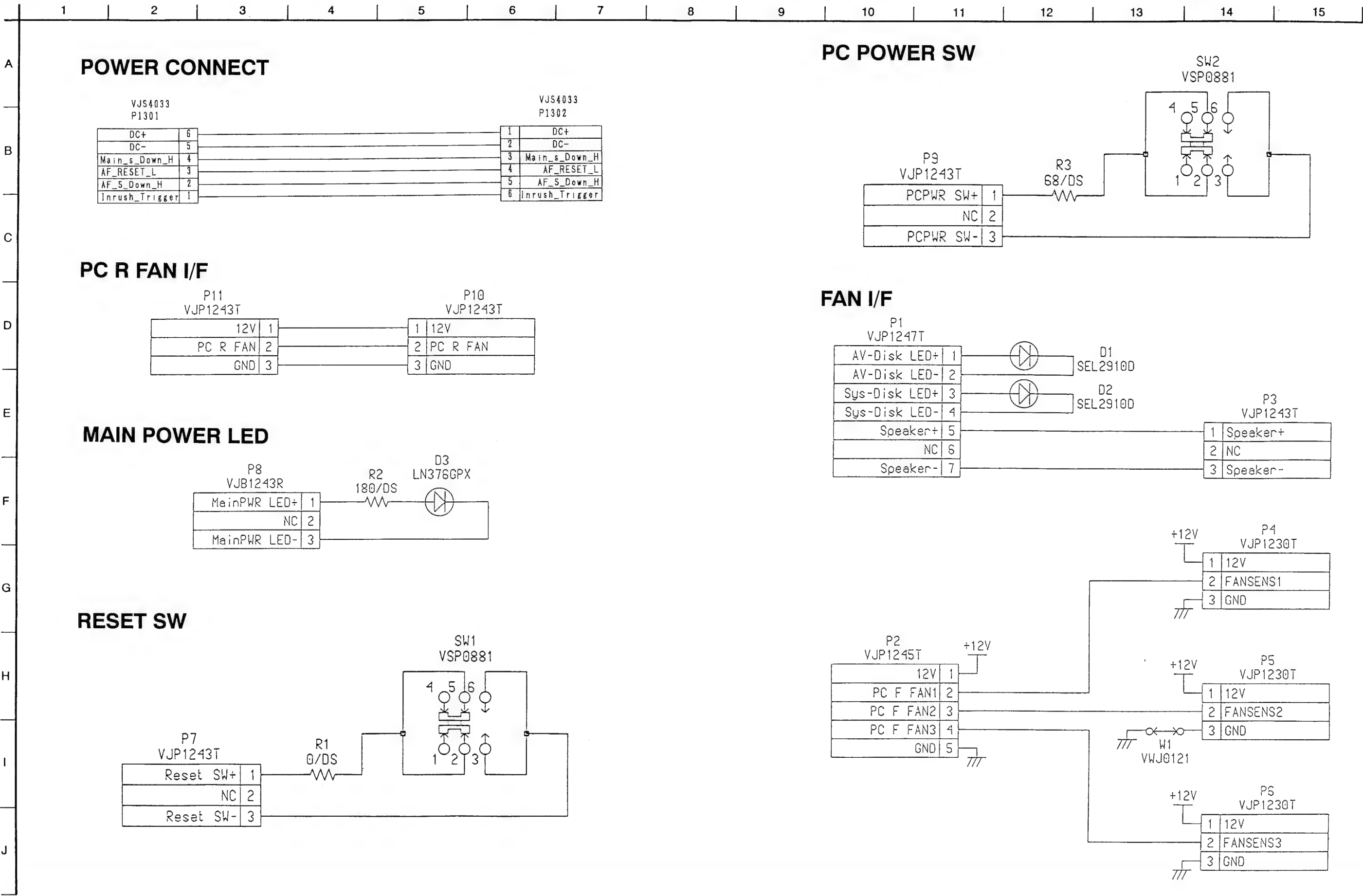
# TRV I/F (1/1) SCHEMATIC DIAGRAM



FAN SENSOR (1/1) SCHEMATIC DIAGRAM

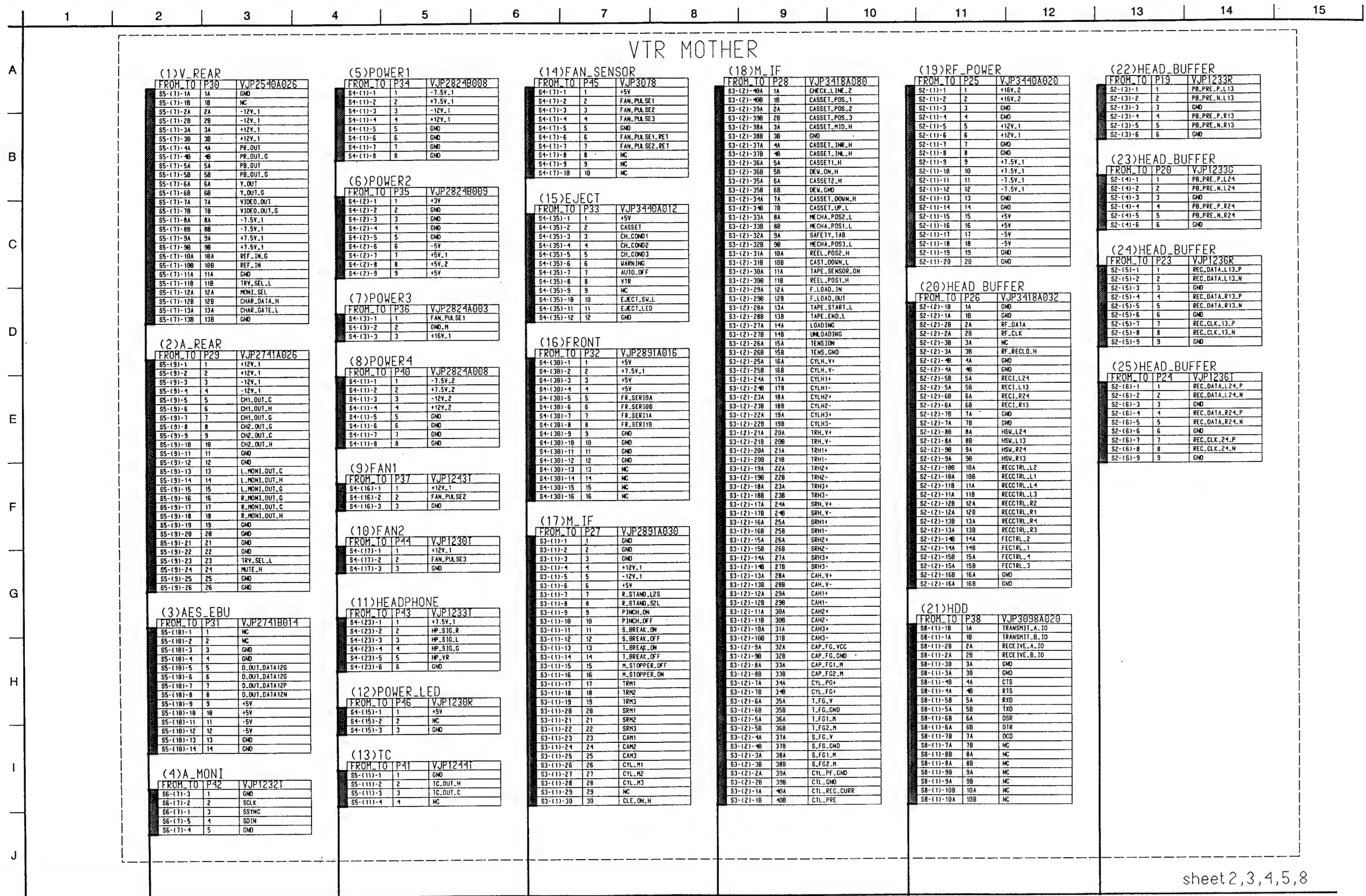


POWER CONNECT, PC R FAN I/F, MAIN POWER LED, PC POWER SW, RESET SW & FAN I/F SCHEMATIC DIAGRAM



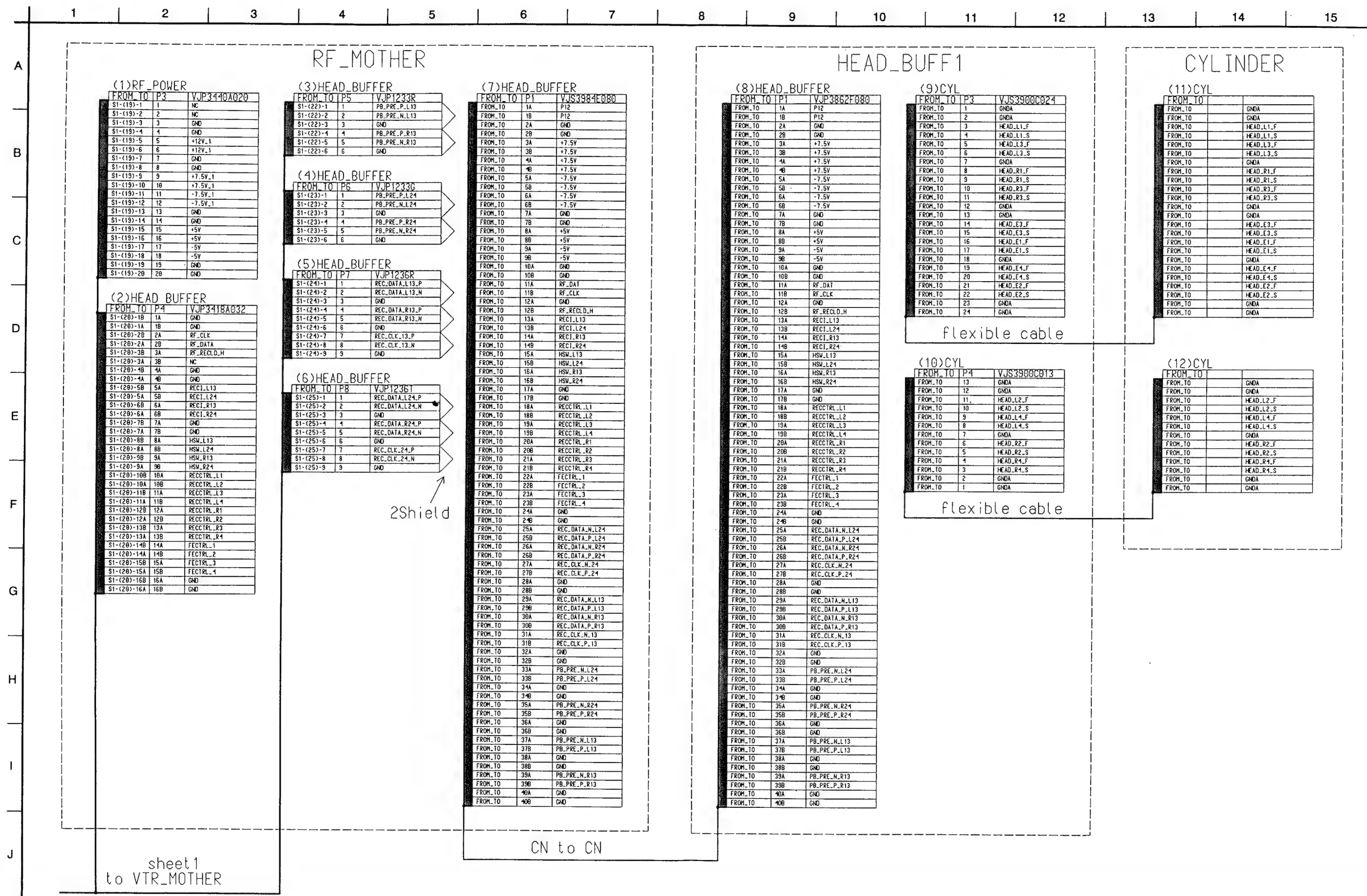


# INTER CONE (1/9) SCHEMATIC DIAGRAM

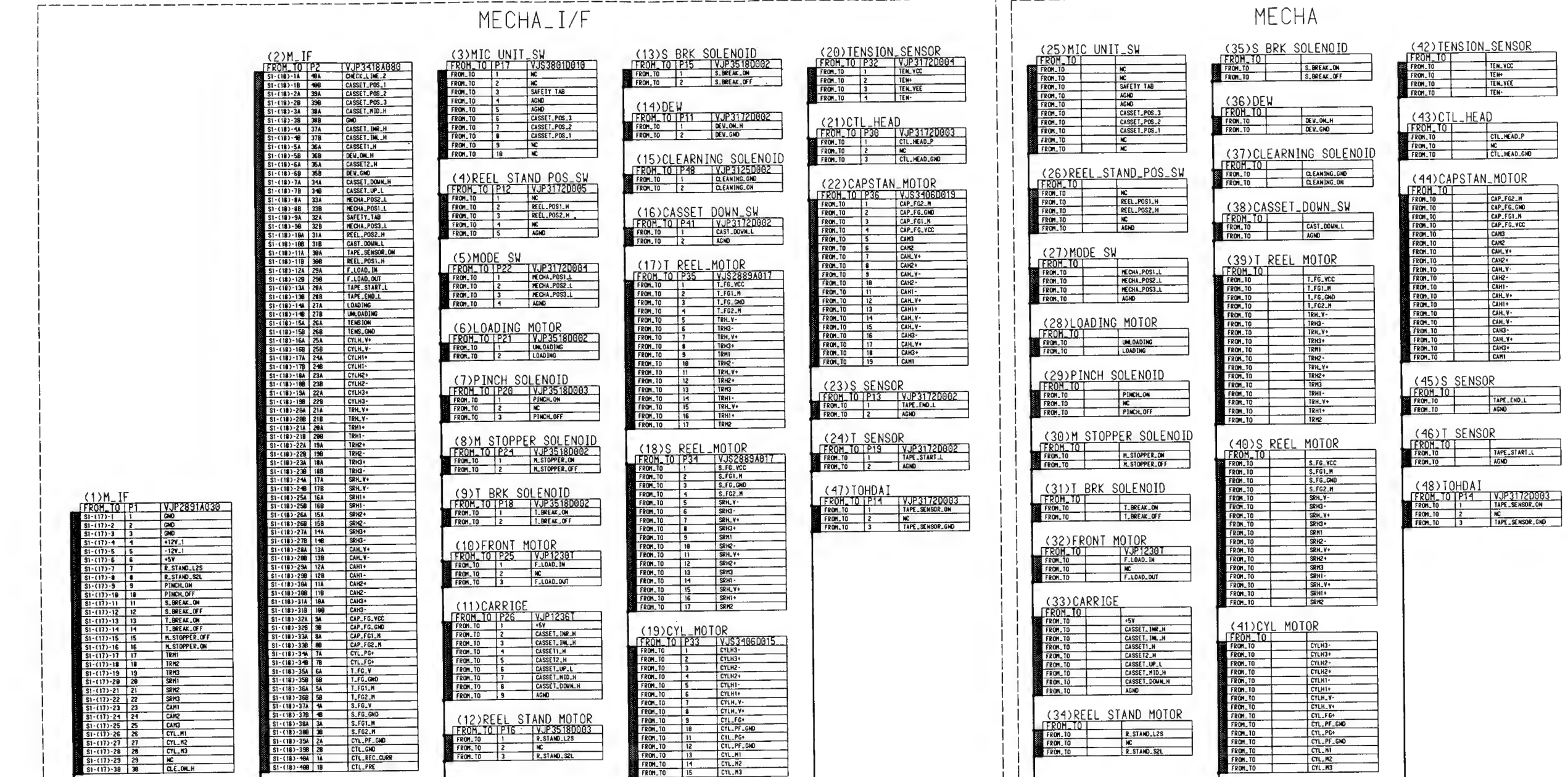




# INTER CONE (2/9) SCHEMATIC DIAGRAM

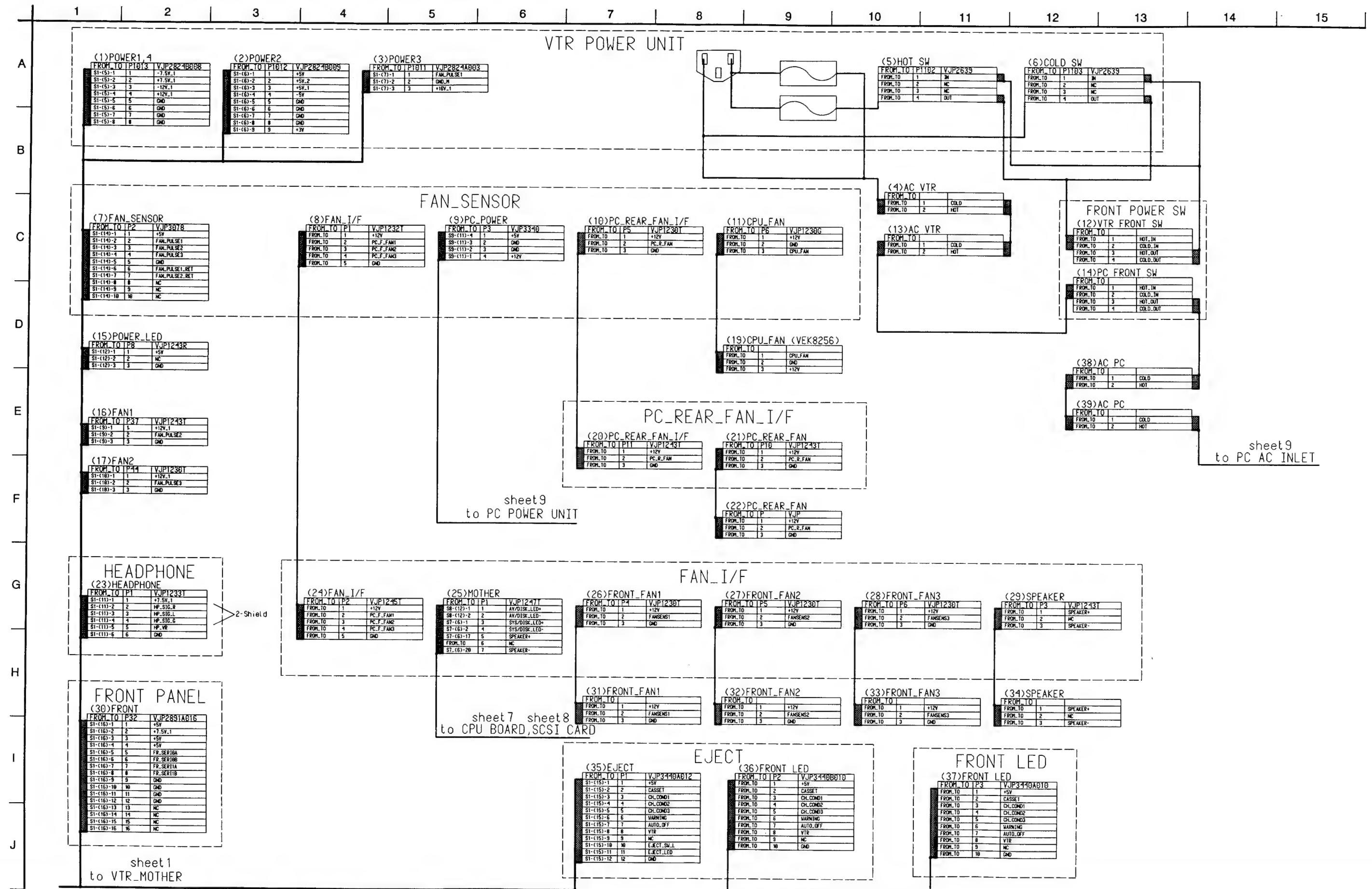


1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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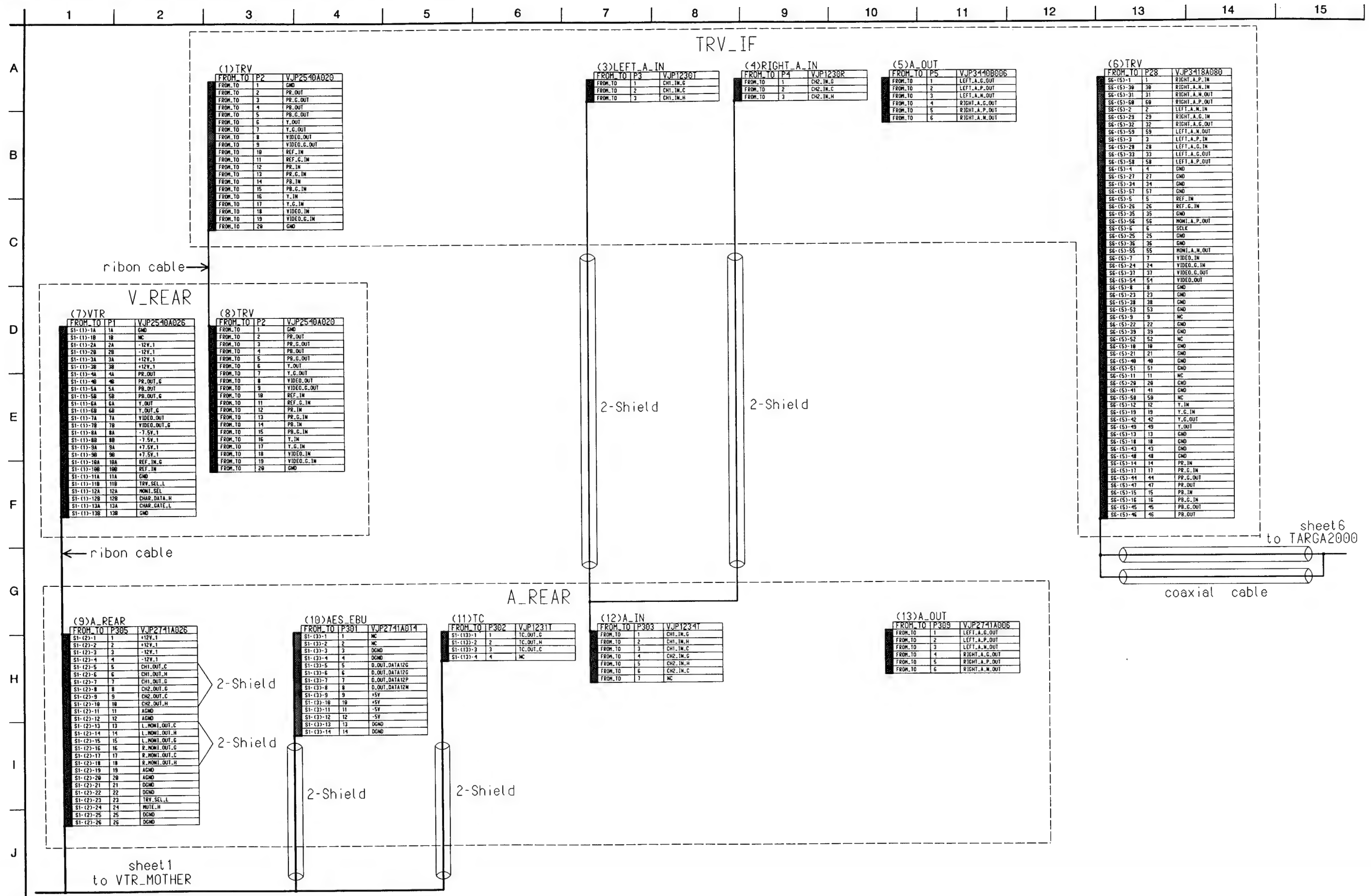


FROM TO	CUE_R/P_HEAD.H
FROM TO	CUE_R/P_HEAD.C
FROM TO	CUE_R/P_HEAD.G
FROM TO	CUE_E_HEAD.H
FROM TO	CUE_E_HEAD.C
FROM TO	CUE_E_HEAD.G
FROM TO	CTL_E_HEAD.H
FROM TO	CTL_E_HEAD.C
FROM TO	CTL_E_HEAD.G

# INTER CONE (4/9) SCHEMATIC DIAGRAM

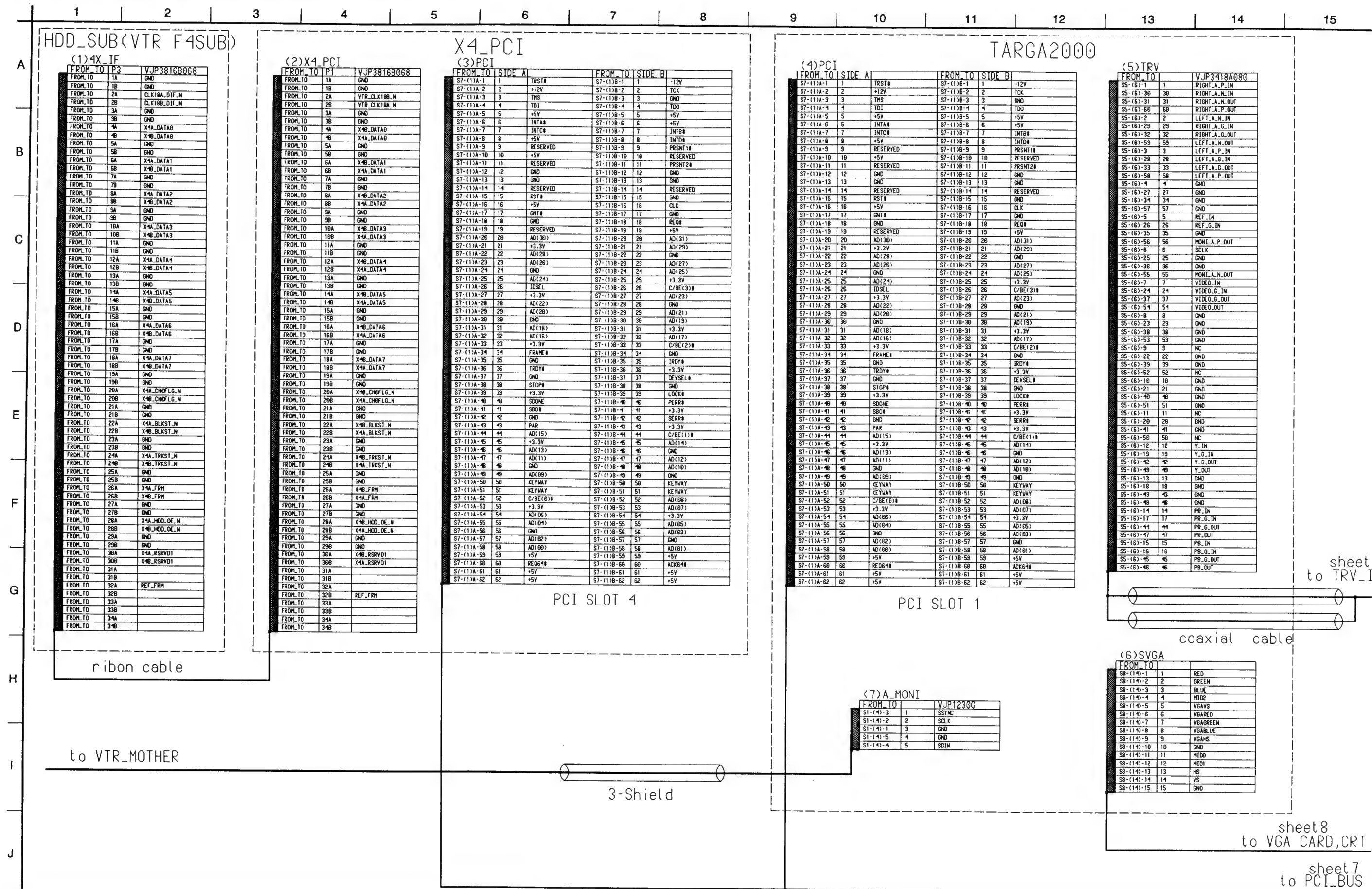


# INTER CONE (5/9) SCHEMATIC DIAGRAM

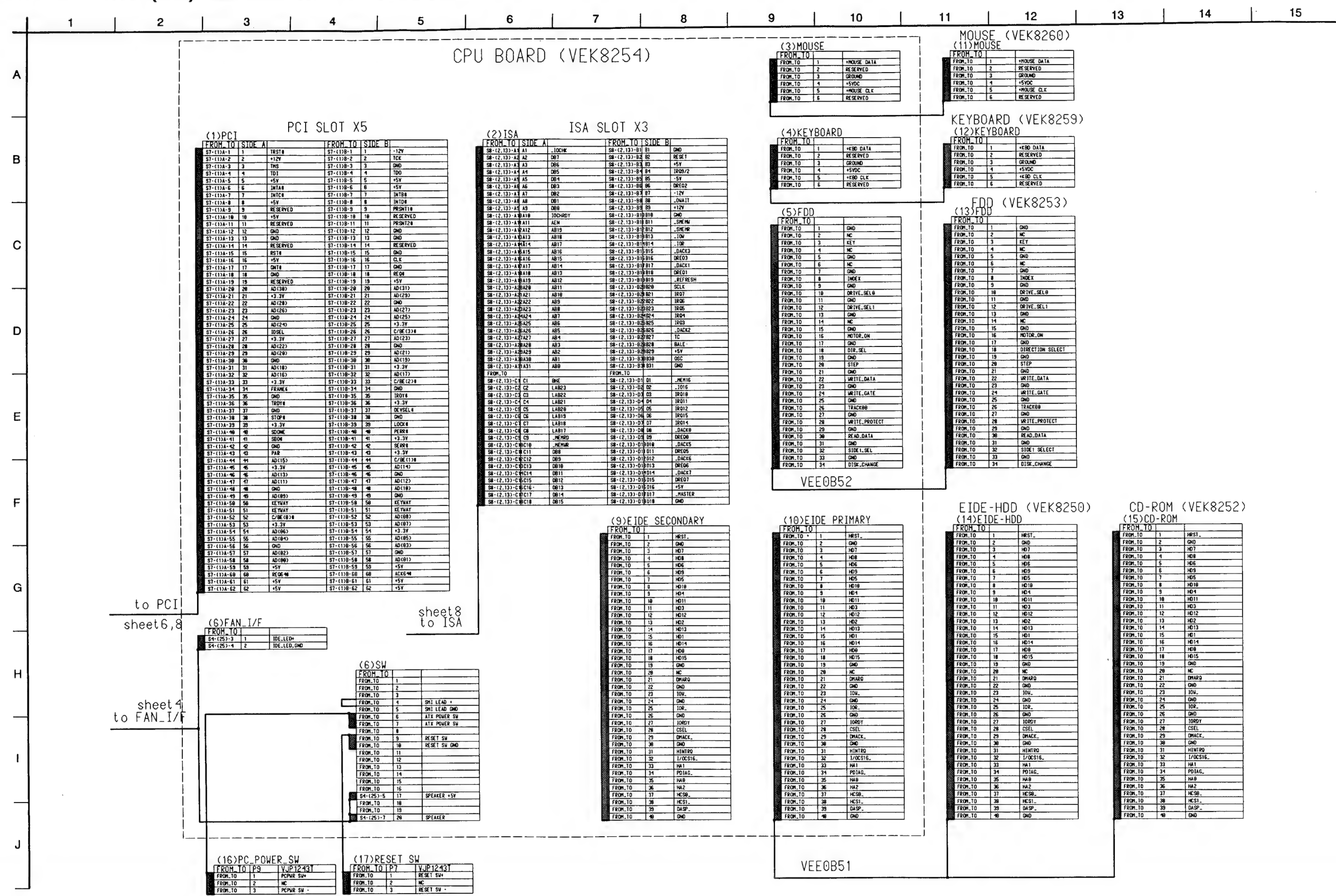




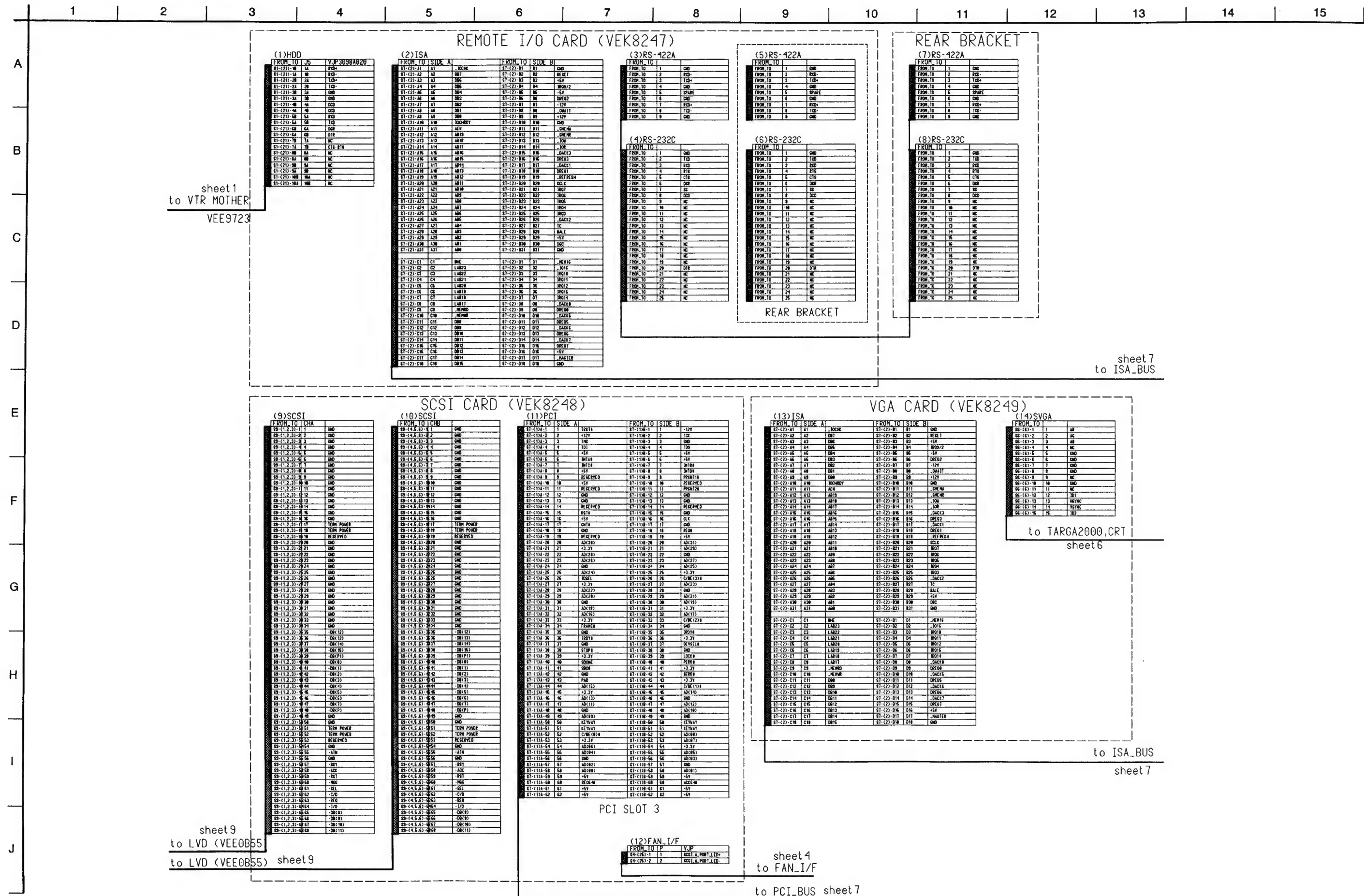
# INTER CONE (6/9) SCHEMATIC DIAGRAM



INTER CONE (7/9) SCHEMATIC DIAGRAM

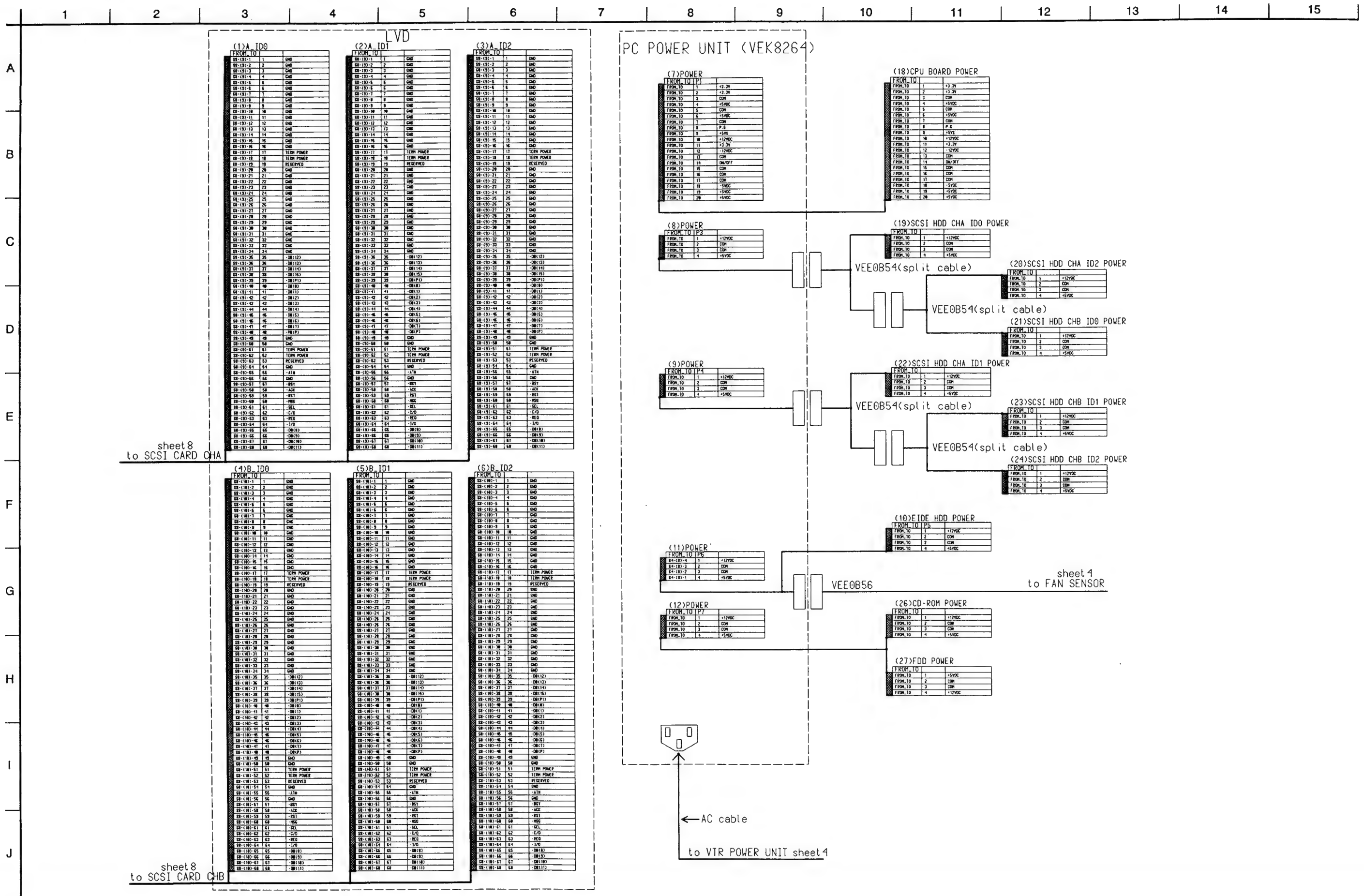


INTER CONE (8/9) SCHEMATIC DIAGRAM





# INTER CONE (9/9) SCHEMATIC DIAGRAM



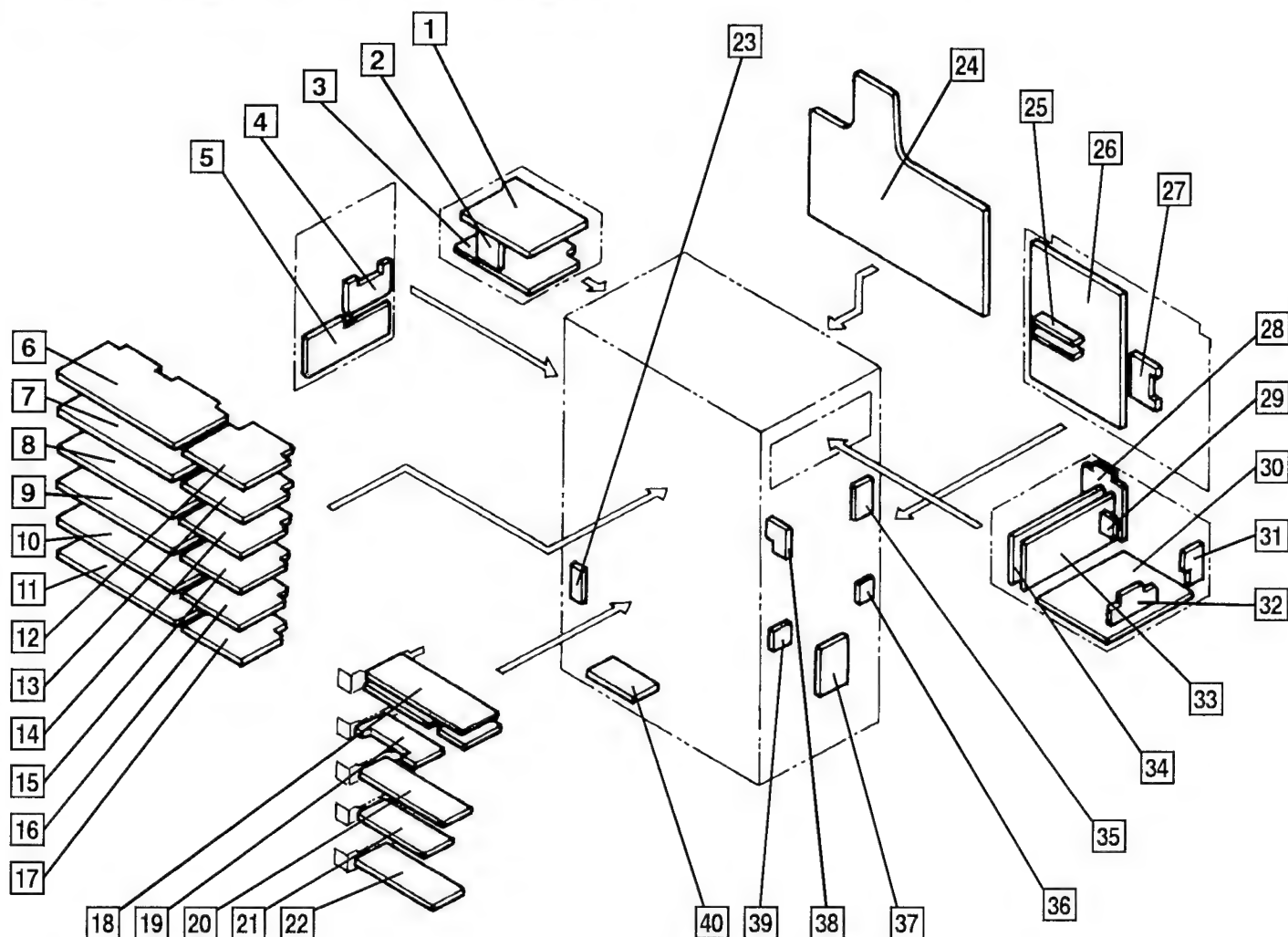
# SECTION 8

## CIRCUIT BOARD DIAGRAMS

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# CIRCUIT BOARD LOCATION



**Circuit Board Name Table**

No.	Circuit Board Name	No.	Circuit Board Name
1	POWER 2 P.C.BOARD	21	SVGA P.C.BOARD
2	POWER CONNECTION P.C.BOARD	22	REMOTE I/O P.C.BOARD
3	POWER 1 P.C.BOARD	23	PC R FAN INTERFACE P.C.BOARD
4	VIDEO REAR P.C.BOARD	24	VTR MOTHER P.C.BOARD
5	AUDIO REAR P.C. BOARD	25	EDO-SIMM P.C.BOARD
6	F1 SERVO P.C.BOARD	26	CPU P.C.BOARD
7	F2 SYSCON P.C.BOARD	27	FAN SENSOR P.C.BOARD
8	F3 4X MAIN P.C.BOARD, HDD SUB P.C.BOARD	28	RF MOTHER P.C.BOARD
9	F3 4X INTERFACE P.C.BOARD	29	AC HEAD INTERFACE P.C.BOARD
10	F5 VIDEO OUT P.C.BOARD	30	MECHA INTERFACE P.C.BOARD
11	F6 A PROCESS P.C.BOARD	31	FRONT LED P.C.BOARD
12	H1 RF BUFFER P.C.BOARD	32	EJECT P.C.BOARD
13	H2 RF BUFFER P.C.BOARD	33	HEAD BUFFER 1 P.C.BOARD
14	H3 EQ 1 P.C.BOARD, EQ SUB P.C.BOARD	34	HEAD BUFFER 2 P.C.BOARD
15	H4 EQ 2 P.C.BOARD, EQ SUB P.C.BOARD	35	MAIN POWER LED P.C.BOARD
16	H5 CUE/ERASE P.C.BOARD	36	PC POWER SW P.C.BOARD
17	H6 AUDIO D/A 1 P.C.BOARD	37	FAN INTERFACE P.C.BOARD
18	TRV P.C.BOARD	38	HEAD PHONE P.C.BOARD
19	SCSI P.C.BOARD	39	RESET P.C.BOARD
20	X4 PCI INTERFACE P.C.BOARD	40	TRV INTERFACE P.C.BOARD

SERVO C.B.A. (COMPONENT SIDE)					
Transistor					
Q1	E-4	IC300	H-2	TP280	E-1
Q2	E-4	IC400	A-5	TP281	F-1
Q3	E-4	IC401	B-5	TP282	F-1
Q4	E-4	IC450	B-3	TP300	E-1
Q5	D-4	IC451	A-3	TP301	E-1
Q6	D-4	IC704	F-3	TP400	B-4
Q340	C-1	IC705	G-3	TP401	B-4
Q341	C-1	IC706	G-3	TP450	B-3
Q380	B-1	IC708	H-3	TP451	A-3
Q381	C-1	IC711	C-2	TP701	F-4
Q400	A-1	IC713	G-3	TP702	F-4
Q401	A-1	IC714	G-3	TP703	F-4
Q402	B-1	IC715	I-3	TP704	F-4
Q403	B-1	IC716	H-4	TP721	F-1
Q510	C-4	IC717	H-1	TP722	D-1
Q511	C-4	IC811	F-4	TP723	D-1
		IC812	G-4	TP724	D-1
		IC821	F-3	TP725	D-1
Transistor & Resistor		IC902	D-2	TP726	H-3
QR3	D-4	IC904	E-2	TP727	H-3
QR4	D-4	IC910	G-3	TP728	F-2
QR340	B-2	IC911	H-3	TP729	F-2
QR341	B-2	IC913	H-3	TP731	C-4
QR400	B-2	IC915	G-2	TP732	E-1
QR401	B-3	IC916	G-2	TP734	E-1
QR600	B-2	IC917	F-2	TP741	C-4
QR601	B-2	IC918	G-2	TP742	G-1
QR702	D-1	IC922	D-4	TP743	G-1
Integrated Circuit		Test Point		TP801	H-3
IC1	E-3	TP1	D-4	TP802	H-3
IC34	E-2	TP2	D-4	TP803	H-3
IC35	E-2	TP30	E-3	TP833	E-1
IC63	D-2	TP31	E-3	TP835	F-1
IC64	E-1	TP32	E-2	TP901	D-2
IC65	D-1	TP33	E-2	TP902	D-2
IC66	D-2	TP34	E-3	TG510	D-1
IC68	C-1	TP35	E-4	TG511	F-4
IC72	C-2	TP60	C-2	Connector	
IC73	D-1	TP80	D-2	P1	G-5
IC200	E-4	TP81	D-2	P2	C-5
IC201	F-3	TP82	D-2	P701	I-1
IC202	F-3	TP83	D-2	P702	H-1
IC204	F-3	TP120	C-2	P703	H-1
IC230	I-2	TP121	D-2		
IC235	H-1	TP122	C-2		
IC260	I-3	TP123	D-2		
IC261	I-3	TP160	C-2		
IC262	I-4	TP161	D-2		
IC265	E-2	TP162	C-2		
IC266	E-1	TP163	D-2		
IC267	E-2	TP201	E-4		
IC280	F-2	TP230	F-2		
IC282	F-1	TP231	F-2		

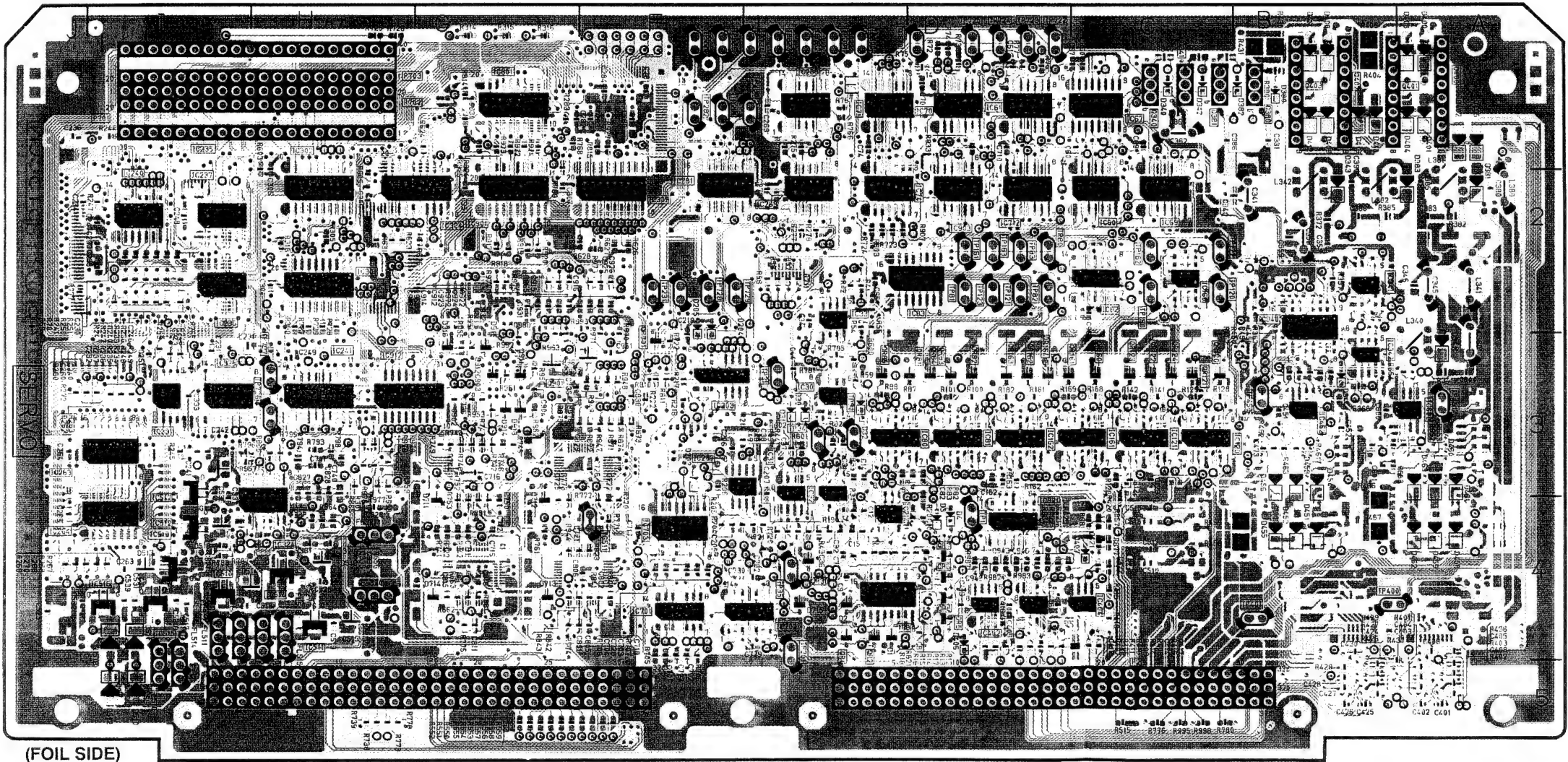
ADDRESS INFORMATION

SERVO C.B.A. (FOIL SIDE)					
Transistor		IC82	C-2	TP30	E-3
Q340	C-1	IC83	D-2	TP31	E-3
Q341	C-1	IC120	C-3	TP34	E-3
Q380	B-1	IC121	C-3	TP35	E-4
Q381	C-1	IC160	C-2	TP80	D-2
Q400	A-1	IC161	C-3	TP81	D-2
Q401	B-1	IC162	D-3	TP82	D-2
Q402	B-1	IC203	F-3	TP83	D-2
Q403	B-1	IC207	F-3	TP120	C-2
Q901	G-3	IC231	I-3	TP121	D-2
Q902	F-3	IC235	I-1	TP122	C-2
		IC236	I-2	TP123	D-2
Transistor & Resistor		IC237	I-2	TP160	C-2
QR1	E-4	IC240	I-2	TP161	D-2
QR2	E-4	IC241	H-3	TP162	C-2
QR5	D-4	IC263	I-3	TP163	D-2
QR6	D-4	IC264	I-4	TP201	E-4
QR7	D-4	IC268	E-1	TP230	F-2
QR8	D-4	IC269	E-2	TP231	F-2
QR30	E-4	IC281	F-2	TP280	E-1
QR81	D-3	IC301	H-2	TP281	F-1
QR82	D-3	IC302	H-2	TP282	F-1
QR83	D-3	IC304	G-2	TP300	E-1
QR84	D-3	IC305	F-2	TP301	E-1
QR85	E-3	IC324	H-4	TP400	B-4
QR120	C-3	IC325	I-3	TP401	B-4
QR121	C-3	IC340	B-2	TP450	B-3
QR122	C-3	IC341	B-2	TP451	A-3
QR123	C-3	IC342	B-3	TP721	F-1
QR124	C-3	IC402	D-4	TP722	D-1
QR160	C-3	IC403	D-4	TP723	D-1
QR161	D-3	IC404	C-4	TP724	D-1
QR162	D-3	IC452	B-3	TP725	D-1
QR163	D-3	IC510	I-4	TP726	H-3
QR164	D-3	IC511	H-4	TP727	H-3
QR701	F-3	IC512	I-4	TP728	F-2
		IC513	I-4	TP729	F-2
Integrated Circuit		IC514	H-4	TP732	E-1
IC2	E-4	IC515	I-4	TP734	E-1
IC3	E-4	IC516	I-4	TP833	E-1
IC30	E-3	IC517	I-3	TP835	F-1
IC31	E-3	IC600	A-3	TG510	D-1
IC32	E-3	IC701	F-4	TG511	F-4
IC33	E-2	IC702	E-4	Connector	
IC60	C-2	IC703	F-4	P1	G-5
IC61	D-1	IC712	D-2	P2	C-5
IC67	C-1	IC801	G-1	P701	I-1
IC69	C-2	IC901	G-2	P702	H-1
IC70	D-1	IC903	D-2	P703	H-1
IC71	E-1	IC912	H-3		
IC74	E-2	IC921	D-4		
IC80	D-3	Test Point			
IC81	D-3	TP1	D-4		

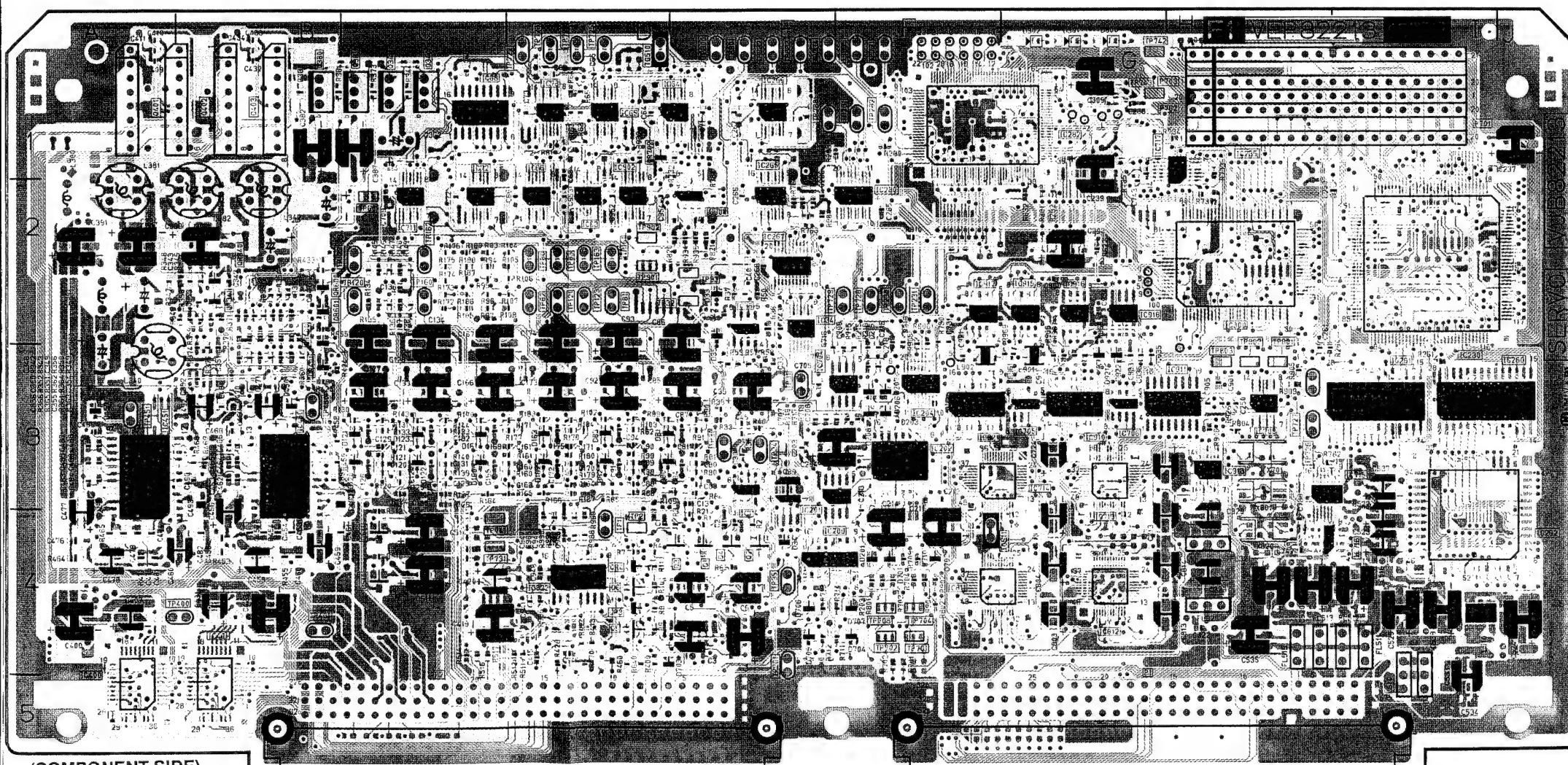
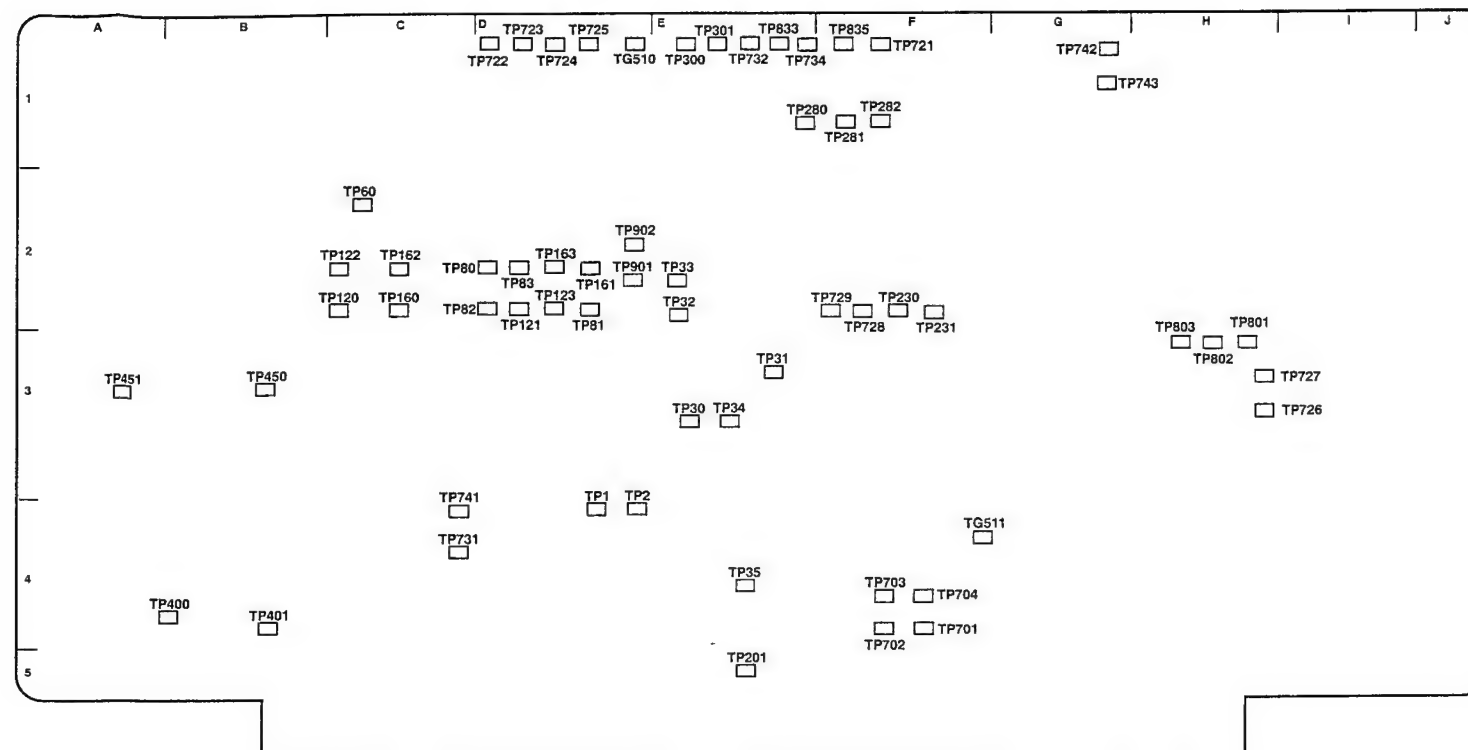
ADDRESS INFORMATION



SERVO C.B.A.



(FOIL SIDE)



(COMPONENT SIDE)



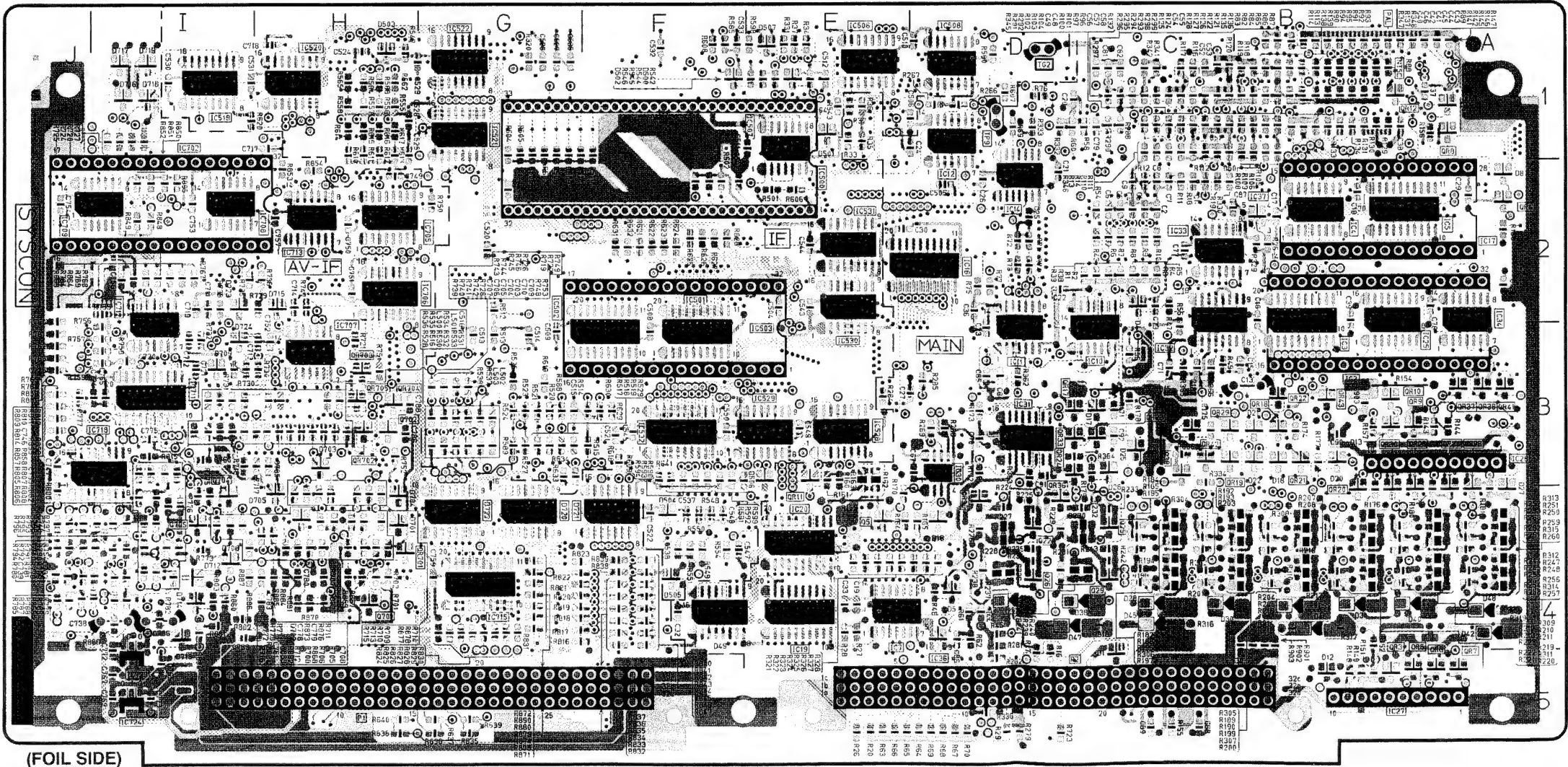
SYSTEM CONTROL C.B.A.

SYSTEM CONTROL C.B.A. (FOIL SIDE)					
Transistor		QR37	A-3	IC502	G-2
Q5	E-4	QR38	A-3	IC503	E-3
Q22	D-4	QR41	A-3	IC506	E-1
Q25	C-4	QR42	C-3	IC507	E-1
Q26	D-4	QR43	B-3	IC508	D-1
Q38	C-3	QR701	H-4	IC519	I-1
Q701	H-4	QR702	H-3	IC520	H-1
Q704	I-3	QR703	H-3	IC521	G-1
Q705	I-4	QR704	H-3	IC522	G-1
		QR705	H-3	IC528	E-3
Transistor & Resistor		Integrated Circuit		IC529	E-3
QR3	B-4	IC2	B-3	IC530	E-3
QR4	A-2	IC3	B-3	IC531	E-2
QR5	A-4	IC4	B-2	IC532	F-3
QR6	A-4	IC5	A-2	IC702	I-1
QR7	A-4	IC7	E-4	IC705	G-2
QR8	A-1	IC10	C-3	IC706	G-2
QR9	A-3	IC11	D-3	IC707	H-3
QR10	A-3	IC12	D-2	IC708	H-2
QR11	E-4	IC14	D-2	IC709	J-2
QR12	A-1	IC16	D-2	IC711	I-3
QR17	D-3	IC17	A-2	IC712	I-2
QR18	B-3	IC19	E-4	IC713	H-2
QR19	C-3	IC20	E-4	IC715	G-4
QR20	B-3	IC25	A-3	IC718	I-3
QR21	B-3	IC27	B-5	IC723	I-5
QR22	B-3	IC28	A-3	IC724	I-5
QR23	C-3	IC30	D-3	Test Point	
QR24	D-3	IC31	D-3	TG2	D-1
QR25	A-3	IC32	C-3	TP9	D-1
QR26	A-3	IC33	C-2	Connector	
QR29	C-3	IC34	A-2	P1	H-5
QR30	B-3	IC36	D-5	P2	C-5
QR33	D-3	IC37	B-2		
QR34	A-3	IC500	E-1		
QR35	D-4	IC501	F-2		
QR36	D-3				

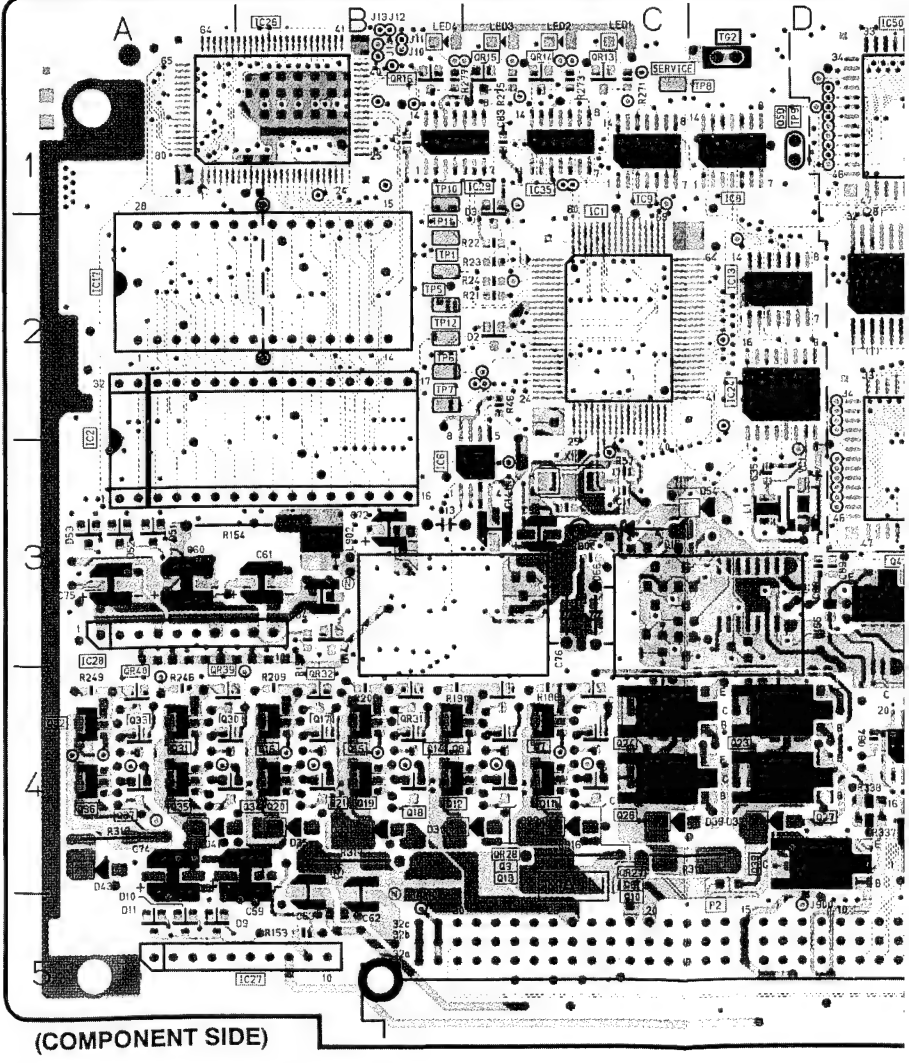
ADDRESS INFORMATION

SYSTEM CONTROL C.B.A. (COMPONENT SIDE)					
Transistor		QR15	C-1	IC517	F-1
Q3	E-3	QR16	B-1	IC518	H-2
Q4	D-3	QR27	C-4	IC523	F-1
Q6	C-4	QR28	C-4	IC524	E-1
Q7	C-4	QR31	B-4	IC525	G-1
Q8	B-4	QR32	B-4	IC527	F-3
Q9	C-4	QR39	A-4	IC701	H-3
Q10	C-4	QR40	A-4	IC702	I-2
Q11	C-4	Integrated Circuit		IC703	I-1
Q12	B-4	IC1	C-1	IC704	H-2
Q13	C-4	IC2	A-2	IC710	J-3
Q14	B-4	IC6	B-3	IC714	G-4
Q15	B-4	IC8	D-1	IC716	F-4
Q16	B-4	IC9	C-1	IC717	G-4
Q17	B-4	IC13	D-2	IC719	J-4
Q18	B-4	IC15	E-2	IC720	J-4
Q19	B-4	IC17	A-2	IC721	I-3
Q20	B-4	IC23	E-4	IC722	I-4
Q21	B-4	IC24	D-2	IC725	H-4
Q23	D-4	IC26	B-1	IC726	H-4
Q24	C-4	IC27	B-5	Test Point	
Q27	D-4	IC28	A-3	TG1	D-1
Q28	C-4	IC29	C-1	TG1	F-1
Q30	A-4	IC35	C-1	TG701	H-4
Q31	A-4	IC500	F-2	TP1	B-2
Q32	A-4	IC503	F-3	TP2	E-4
Q33	A-4	IC504	E-2	TP3	E-5
Q34	B-4	IC505	D-1	TP4	E-4
Q35	A-4	IC509	G-2	TP5	B-2
Q36	A-4	IC510	G-3	TP6	B-2
Q37	A-4	IC511	F-3	TP7	B-2
Q39	D-4	IC512	F-4	TP8	D-1
Q703	H-3	IC513	G-3	TP9	D-1
Transistor & Resistor		IC514	G-3	TP10	B-1
QR13	C-1	IC515	G-4	TP11	B-2
QR14	C-1	IC516	G-4	TP12	B-2

ADDRESS INFORMATION



(FOIL SIDE)



(COMPONENT SIDE)







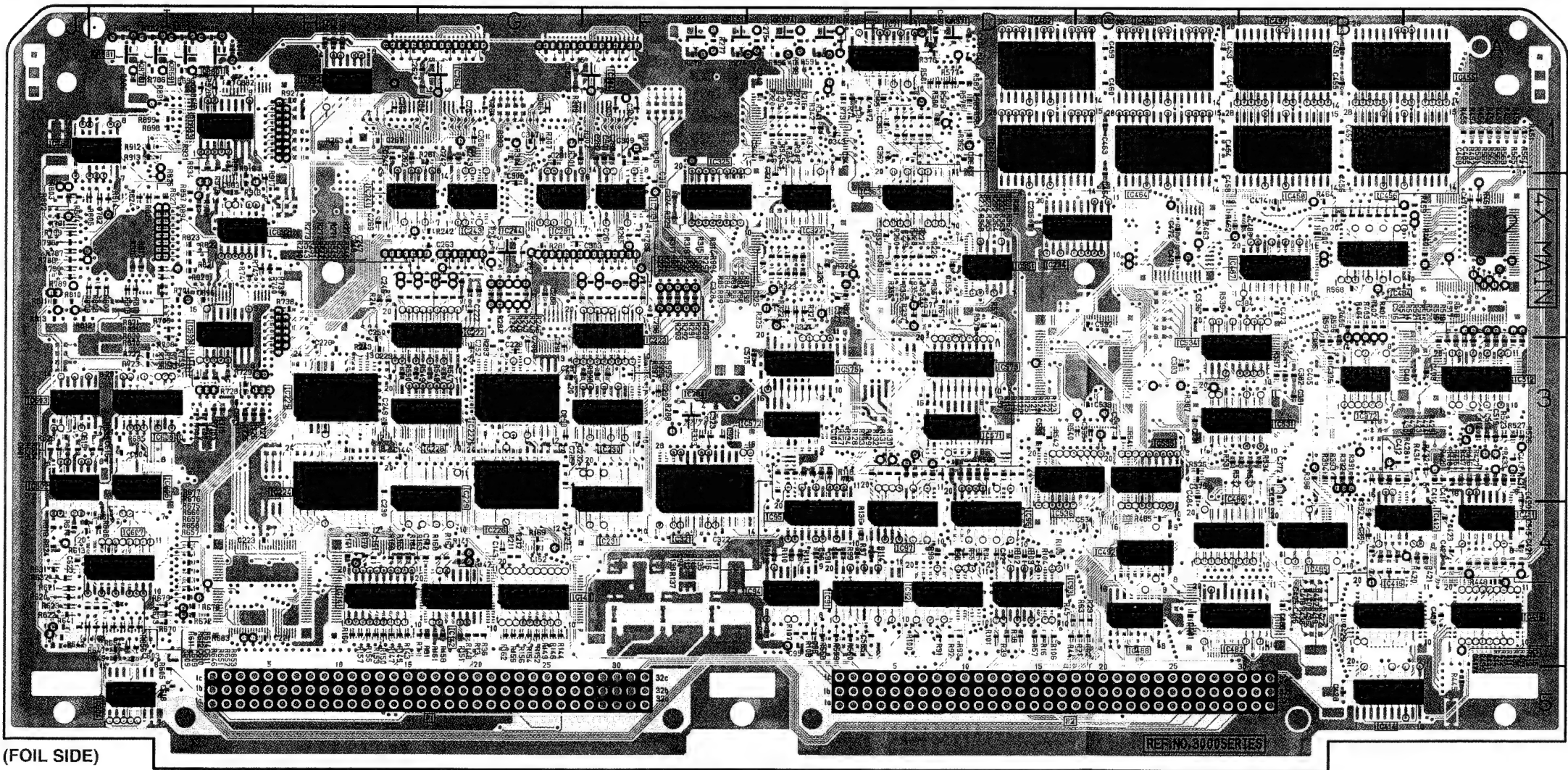
4X MAIN C.B.A.

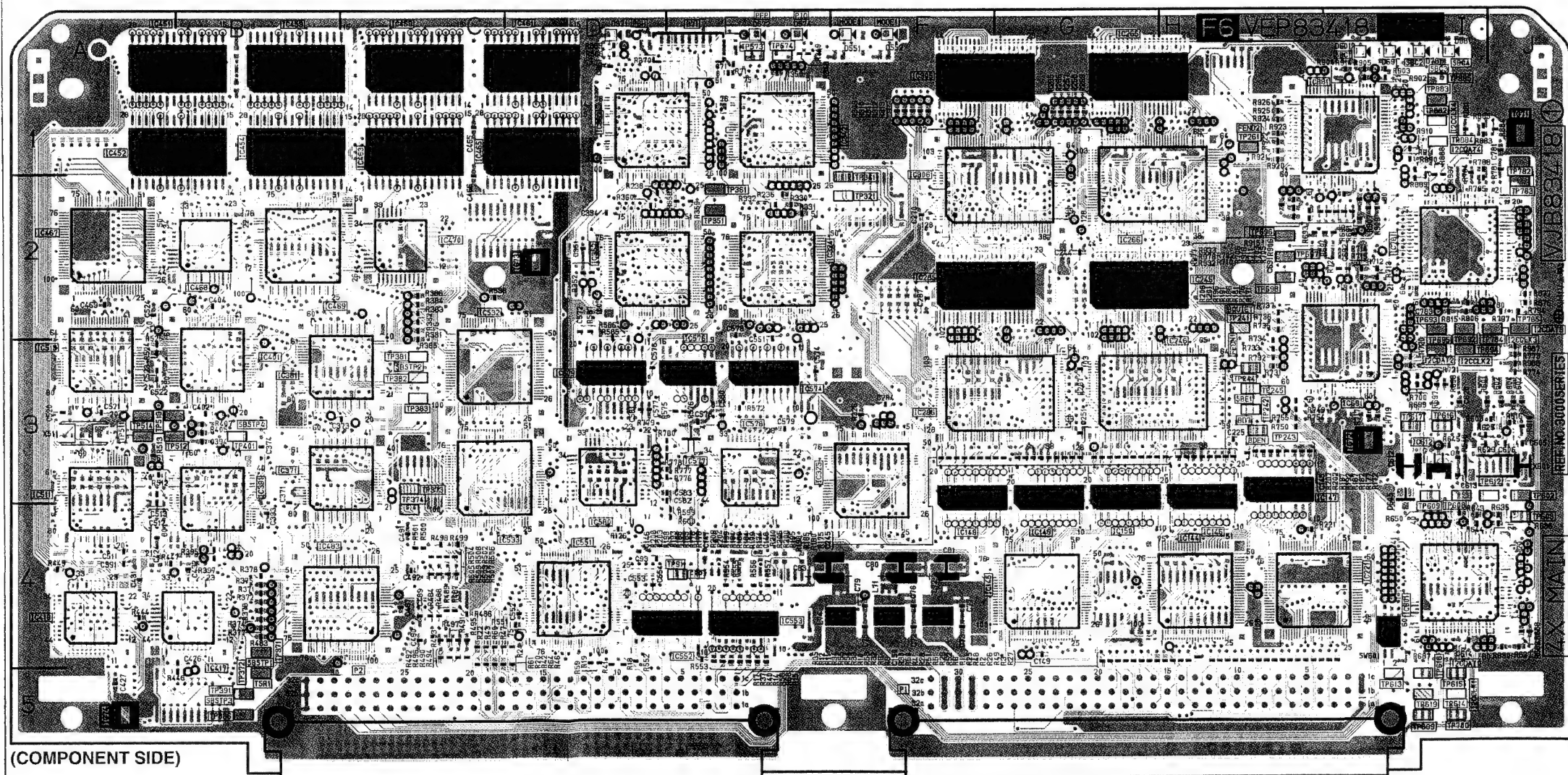
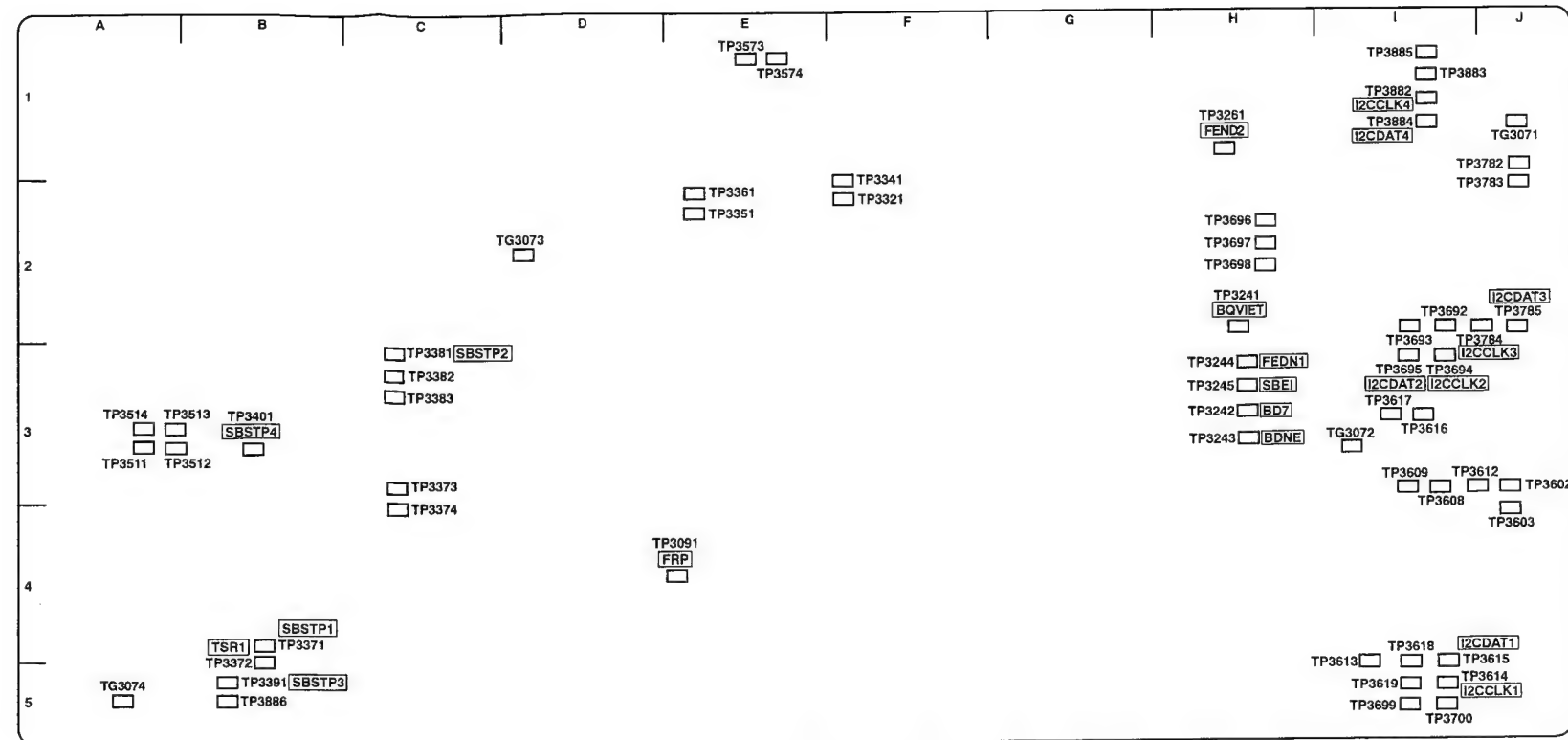
4X MAIN C.B.A. (FOIL SIDE)					
Integrated Circuit		IC3322	E2	IC3573	D3
IC3071	E1	IC3325	F2	IC3575	E3
IC3091	E4	IC3351	D2	IC3602	J3
IC3092	D4	IC3363	D2	IC3603	J3
IC3093	D4	IC3372	B3	IC3604	I5
IC3094	E4	IC3411	A4	IC3605	I3
IC3095	E4	IC3412	A4	IC3606	I3
IC3096	D4	IC3414	B5	IC3607	I4
IC3097	E4	IC3415	B4	IC3692	I2
IC3141	H4	IC3416	A4	IC3693	I3
IC3142	G4	IC3455	B1	IC3782	I1
IC3143	G4	IC3456	B1	IC3882	H1
IC3222	G3	IC3457	B1	IC3883	I1
IC3223	F3	IC3458	B1	Connector	
IC3224	H3	IC3460	C1	P3001	C5
IC3225	H3	IC3462	D1	P3002	G5
IC3226	G3	IC3464	C1	Transistor & Resistor	
IC3227	G3	IC3466	D1	QR3371	D1
IC3228	G3	IC3482	B4	QR3551	F1
IC3229	G4	IC3484	B2	QR3552	F1
IC3230	F3	IC3485	B4	QR3572	E1
IC3231	F4	IC3486	C4	QR3574	E1
IC3234	C2	IC3487	B2	QR3601	I1
IC3241	H2	IC3488	C4	QR3691	I1
IC3243	G2	IC3492	C4	QR3781	I1
IC3244	G2	IC3512	A3	QR3881	I1
IC3264	G1	IC3531	B3		
IC3281	G2	IC3534	B3		
IC3283	F2	IC3535	C3		
IC3284	F3	IC3536	D3		
IC3304	F1	IC3571	D3		
IC3321	F3	IC3572	E3		

ADDRESS INFORMATION

4X MAIN C.B.A. (COMPONENT SIDE)						
Integrated Circuit				Test Point		
IC3144	H4	IC3459	C1	TG3071	J1	TP3603
IC3145	G4	IC3461	D1	TG3072	I3	TP3608
IC3146	H3	IC3463	C1	TG3073	I3	TP3609
IC3147	H3	IC3465	D1	TG3074	D2	TP3612
IC3148	F3	IC3467	A2	TP3091	A5	TP3613
IC3149	G3	IC3468	B2	TP3241	E4	TP3614
IC3150	G3	IC3469	B2	TP3242	H2	TP3615
IC3221	I4	IC3470	C2	TP3243	H3	TP3616
IC3245	G2	IC3483	C4	TP3244	H3	TP3617
IC3246	H3	IC3511	A3	TP3245	H3	TP3618
IC3265	G1	IC3513	A3	TP3261	H1	TP3619
IC3266	H2	IC3532	C3	TP3321	F2	TP3692
IC3285	F2	IC3533	C3	TP3341	F2	TP3693
IC3286	G3	IC3551	D4	TP3351	F2	TP3694
IC3305	F1	IC3552	E4	TP3361	E2	TP3695
IC3306	G2	IC3553	E4	TP3371	E2	TP3696
IC3323	F3	IC3574	E3	TP3372	B4	TP3697
IC3324	E2	IC3576	E3	TP3373	B5	TP3698
IC3342	E1	IC3577	E3	TP3374	C3	TP3699
IC3352	D2	IC3578	E3	TP3381	C4	TP3700
IC3362	D1	IC3579	D3	TP3382	C3	TP3782
IC3371	C3	IC3580	D3	TP3383	C3	TP3783
IC3381	C3	IC3601	I4	TP3391	C3	TP3784
IC3391	B3	IC3612	I3	TP3401	B5	TP3785
IC3401	B3	IC3691	I3	TP3511	B3	TP3882
IC3417	B4	IC3781	I2	TP3512	A3	TP3883
IC3418	A4	IC3881	I1	TP3513	A3	TP3884
IC3451	A1	Connector		TP3514	A3	TP3885
IC3452	A1	P3071	E1	TP3573	A3	TP3886
IC3453	B1	Switch		TP3574	E1	
IC3454	B1	SW3601	I4	TP3602	E1	
					J3	

ADDRESS INFORMATION





(COMPONENT SIDE)

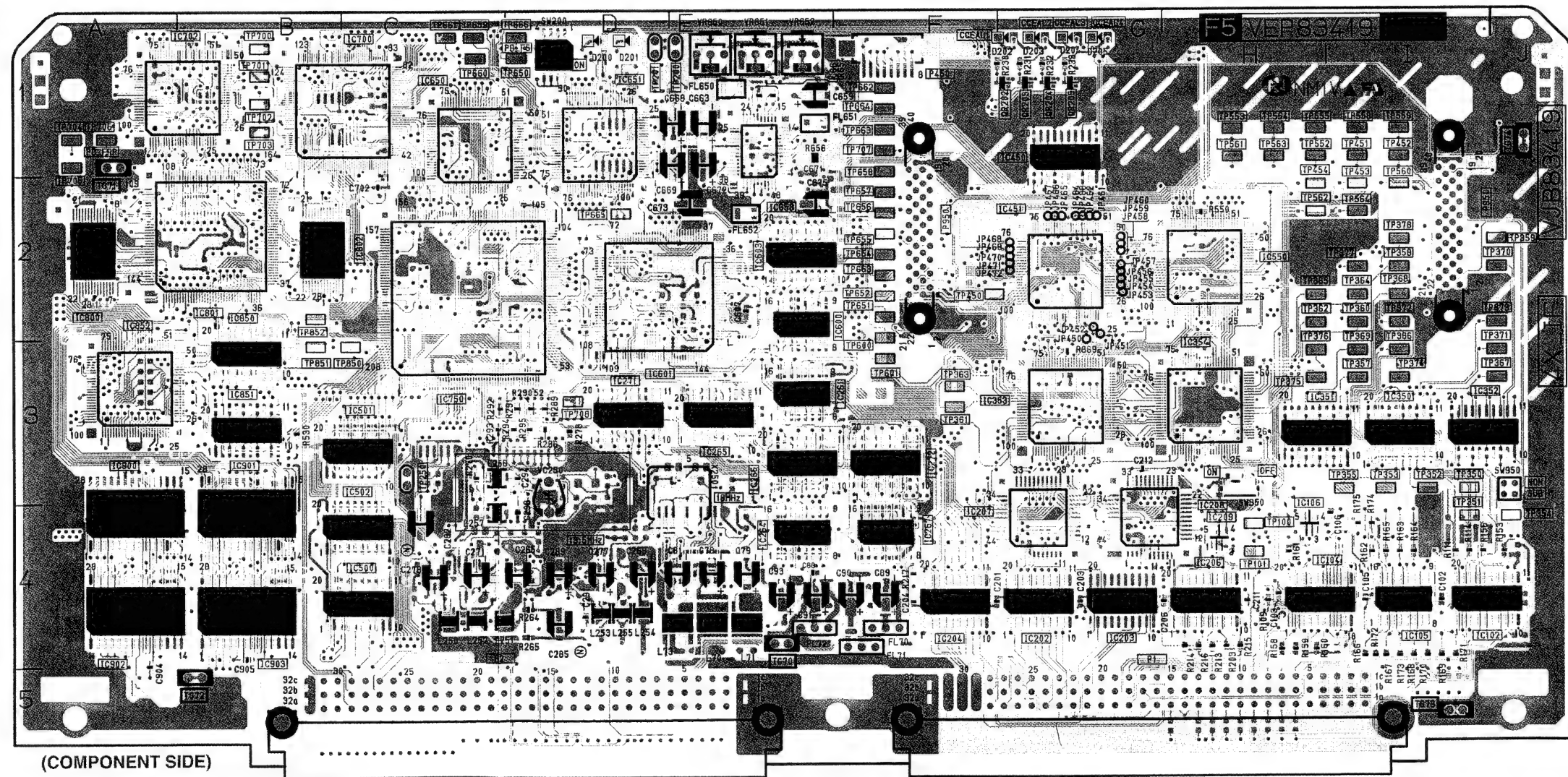
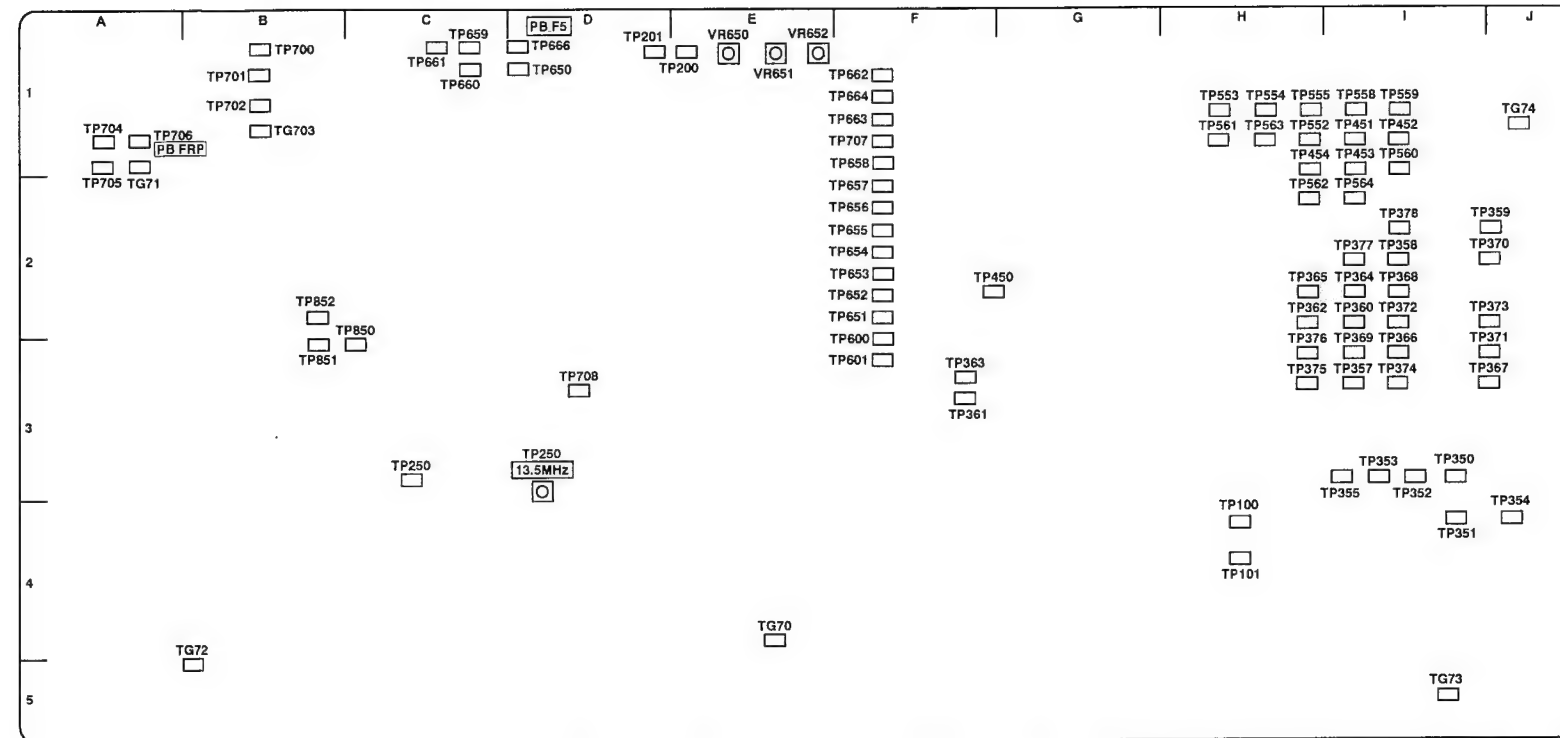


4X INTERFACE C.B.A.

4X INTERFACE C.B.A. (FOIL SIDE)			
Integrated Circuit		Transistor	
IC100	H4	Q250	C3
IC101	I4	Transistor & Resistor	
IC103	I4	QR200	D1
IC200	G4	QR201	D1
IC201	F4		
IC205	H4		
IC250	C3		
IC252	C4		
IC253	D4		
IC254	C4		
IC255	D4		
IC260	C3		
IC262	D3		
IC263	E4		
IC602	D3		
IC604	E2		
IC652	D2		
IC654	D1		
IC70	F4		
IC71	F4		
IC72	E4		
IC73	E4		
IC701	B2		
IC703	B1		
IC704	B2		
IC705	B1		
IC706	A1		
IC904	A4		
IC905	B4		
IC906	A4		
IC907	B4		

ADDRESS INFORMATION

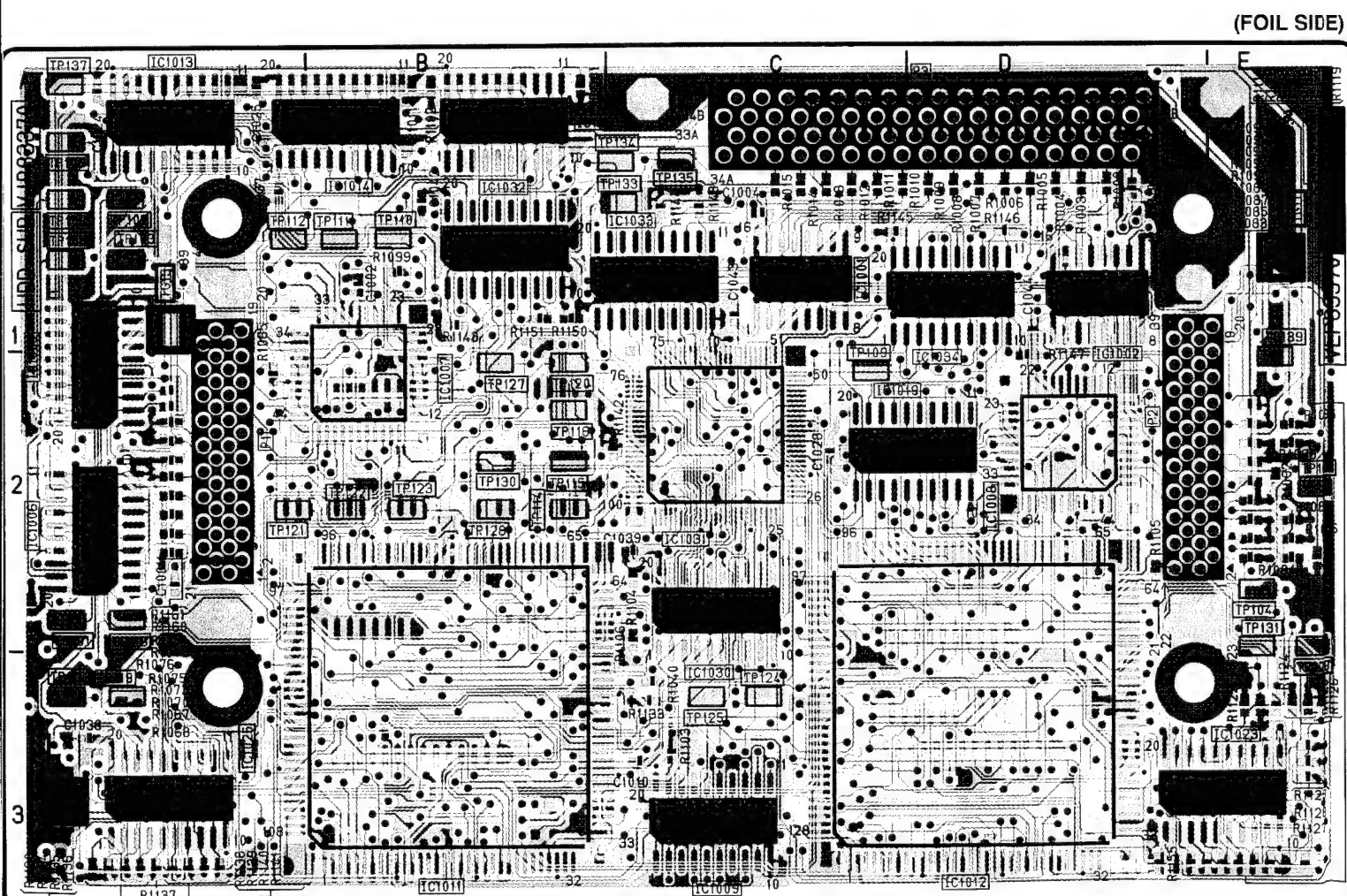
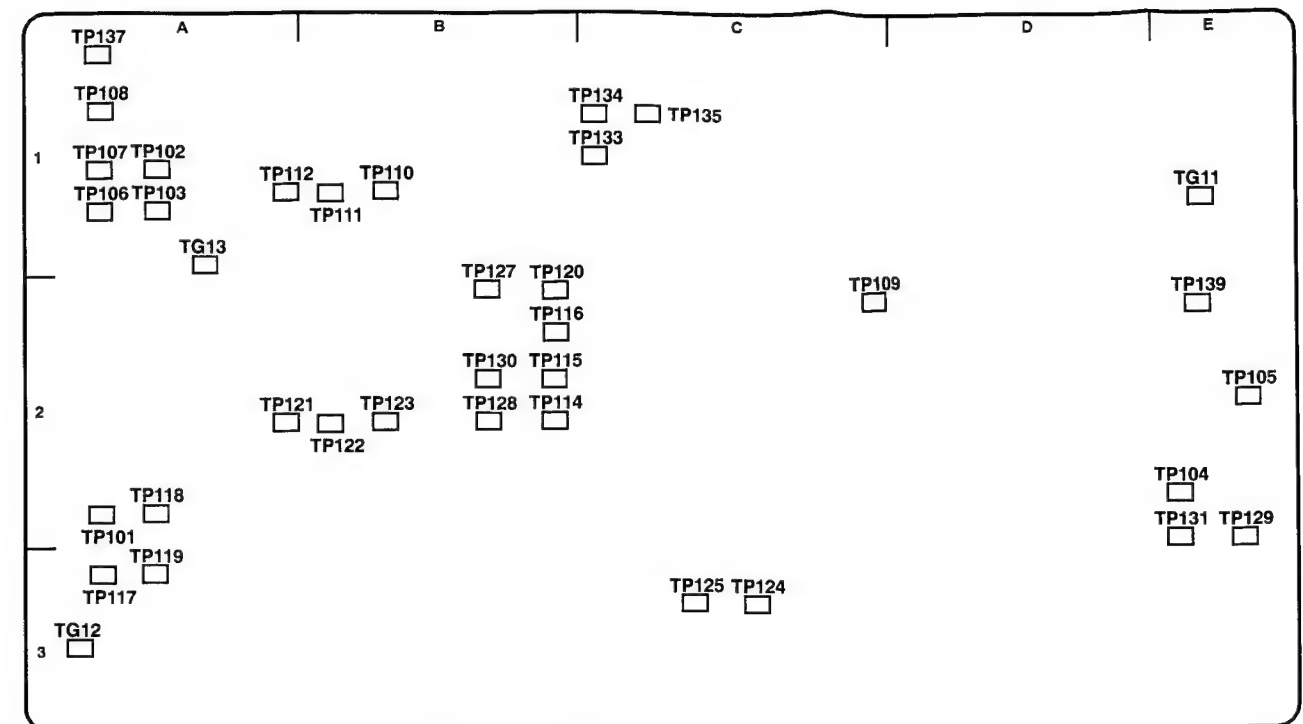
4X INTERFACE C.B.A. (COMPONENT SIDE)									
Integrated circuit		IC603	E2	Test Point		TP372	I2	TP657	F2
IC102	I4	IC650	C1	TG70	E4	TP373	J2	TP658	F2
IC104	H4	IC651	D1	TG71	A1	TP374	I3	TP659	C1
IC105	I4	IC653	E1	TG72	B5	TP375	H3	TP660	C1
IC106	H4	IC700	C1	TG73	I5	TP376	H3	TP661	C1
IC202	G4	IC702	B1	TG74	J1	TP377	I2	TP662	F1
IC203	G4	IC750	C2	TP100	H4	TP378	I2	TP663	F1
IC204	F4	IC800	A2	TP101	H4	TP450	F2	TP664	F1
IC206	H4	IC801	B2	TP200	E1	TP451	I1	TP665	D2
IC207	G4	IC802	B2	TP201	D1	TP452	I1	TP666	D1
IC208	G4	IC850	B3	TP250	C3	TP453	I2	TP700	B1
IC209	H4	IC851	B3	TP350	I3	TP454	H2	TP701	B1
IC251	E3	IC852	A3	TP351	I4	TP552	H1	TP702	B1
IC264	E4	IC900	A4	TP352	I3	TP553	H1	TP703	B1
IC265	E3	IC901	B4	TP353	I3	TP554	H1	TP704	A1
IC266	E3	IC902	A4	TP354	J4	TP555	H1	TP705	A1
IC267	F4	IC903	B4	TP355	I3	TP558	I1	TP706	A1
IC271	D3	Connector		TP357	I3	TP559	I1	TP707	F1
IC272	F3	P1	G5	TP358	I2	TP560	I2	TP708	D3
IC350	I3	P2	D5	TP359	J2	TP561	H1	TP850	C3
IC351	H3	P450	F1	TP360	I2	TP562	H2	TP851	B3
IC352	I3	P950	F2	TP361	F3	TP563	H1	TP852	B2
IC353	G3	P951	I2	TP362	H2	TP564	I2	Adjustment	
IC354	H3	Transistor & Resistor		TP363	F3	TP600	F3	VC250	D3
IC450	G1	QR202	G1	TP364	I2	TP601	F3	VR650	E1
IC451	G2	QR203	G1	TP365	H2	TP650	D1	VR651	E1
IC500	C4	QR204	G1	TP366	I3	TP651	F2	VR652	E1
IC501	C3	QR205	G1	TP367	J3	TP652	F2		
IC502	C4	Switch		TP368	I2	TP653	F2		
IC550	H2	SW200	D1	TP369	I3	TP654	F2		
IC600	E2	SW350	H3	TP370	J2	TP655	F2		
IC601	D2	SW950	J3	TP371	J3	TP656	F2		
ADDRESS INFORMATION									



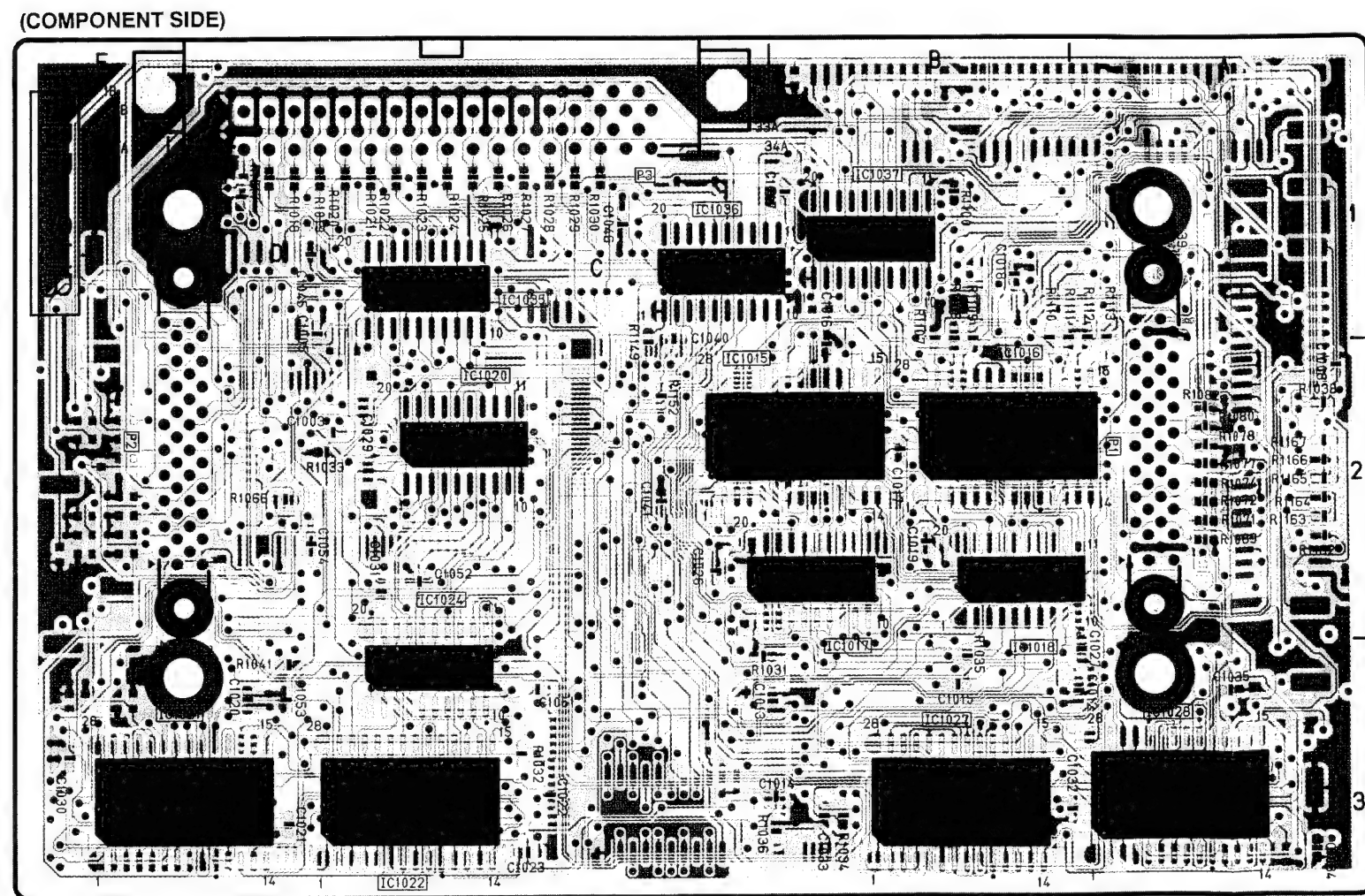
(COMPONENT SIDE)



# HDD SUB C.B.A.



(FOIL SIDE)



(COMPONENT SIDE)

HDD SUB C.B.A. (FOIL SIDE)					
Integrated Circuit		Test Point			
IC1001	C-1	TG11	E-1	TP119	A-3
IC1002	D-1	TG12	A-3	TP120	B-2
IC1005	A-2	TG13	A-1	TP121	A-2
IC1006	A-2	TP101	A-2	TP122	B-2
IC1007	B-2	TP102	A-1	TP123	B-2
IC1008	D-2	TP103	A-1	TP124	C-3
IC1009	C-3	TP104	E-2	TP125	C-3
IC1010	B-1	TP105	E-2	TP127	B-2
IC1011	B-3	TP106	A-1	TP128	B-2
IC1012	D-3	TP107	A-1	TP129	E-3
IC1013	A-1	TP108	A-1	TP130	B-2
IC1014	B-1	TP109	C-2	TP131	E-3
IC1019	D-2	TP110	B-1	TP133	C-1
IC1023	E-3	TP111	B-1	TP134	C-1
IC1025	A-3	TP112	A-1	TP135	C-1
IC1030	C-2	TP114	B-2	TP137	A-1
IC1031	C-2	TP115	B-2	TP139	E-2
IC1032	B-1	TP116	B-2	Connector	
IC1033	C-1	TP117	A-3	P1	A-2
IC1034	D-1	TP118	A-2	P2	D-2
				P3	D-1

ADDRESS INFORMATION

HDD SUB C.B.A. (COMPONENT SIDE)			
Integrated Circuit			
IC1015	B-2	IC1027	B-3
IC1016	B-2	IC1028	A-3
IC1017	B-2	IC1035	D-1
IC1018	B-2	IC1036	C-1
IC1020	D-2	IC1037	B-1
IC1021	D-3	Connector	
IC1022	D-3	P1	A-2
IC1024	D-3	P2	D-2
		P3	D-1

ADDRESS INFORMATION



VIDEO OUTPUT C.B.A.

V OUT C.B.A. (FOIL SIDE)											
Transister		Q505	I2	IC301	H3	IC1160	I4	VR1053	A1		
Q300	G3	Q506	I2 <td>IC303</td> <td>E3<td>IC1161</td><td>I4<td>VR1100<td>B1</td><td colspan="2"></td></td></td></td>	IC303	E3 <td>IC1161</td> <td>I4<td>VR1100<td>B1</td><td colspan="2"></td></td></td>	IC1161	I4 <td>VR1100<td>B1</td><td colspan="2"></td></td>	VR1100 <td>B1</td> <td colspan="2"></td>	B1		
Q301	G3	Q507	I2 <td>IC312</td> <td>F2<td>IC1162</td><td>I4<td>VR1102</td><td>B1</td><td colspan="2"></td></td></td>	IC312	F2 <td>IC1162</td> <td>I4<td>VR1102</td><td>B1</td><td colspan="2"></td></td>	IC1162	I4 <td>VR1102</td> <td>B1</td> <td colspan="2"></td>	VR1102	B1		
Q302	F3	Q508	H1 <td>IC313</td> <td>H3<td>IC1163</td><td>J4<td>VC500</td><td>I3</td><td colspan="2"></td></td></td>	IC313	H3 <td>IC1163</td> <td>J4<td>VC500</td><td>I3</td><td colspan="2"></td></td>	IC1163	J4 <td>VC500</td> <td>I3</td> <td colspan="2"></td>	VC500	I3		
Q303	F3	Q510	I2 <td>IC500</td> <td>I3<td>IC1165</td><td>F3</td><td>VC1000</td><td>D2</td><td colspan="2"></td></td>	IC500	I3 <td>IC1165</td> <td>F3</td> <td>VC1000</td> <td>D2</td> <td colspan="2"></td>	IC1165	F3	VC1000	D2		
Q304	F3	Q511	H2 <td>IC601</td> <td>D4<td>IC1166</td><td>E3</td><td colspan="4" rowspan="3">TEST POINT</td></td>	IC601	D4 <td>IC1166</td> <td>E3</td> <td colspan="4" rowspan="3">TEST POINT</td>	IC1166	E3	TEST POINT			
Q305	E3	Q512	H2 <td>IC602</td> <td>E4<td>IC1167</td><td>G3</td></td>	IC602	E4 <td>IC1167</td> <td>G3</td>	IC1167	G3				
Q306	G2	Q513	I2 <td>IC603</td> <td>E4<td>IC1168</td><td>F3</td></td>	IC603	E4 <td>IC1168</td> <td>F3</td>	IC1168	F3				
Q307	F2	Q804	I3 <td>IC604</td> <td>A3</td> <td colspan="6" rowspan="3">Adjustment</td>	IC604	A3	Adjustment					
Q309	F2	Q806	I4 <td>IC701</td> <td>A4</td>	IC701	A4						
Q310	F2	Q807	I4 <td>IC702</td> <td>A4</td>	IC702	A4						
Q311	F1	Q850	H4 <td>IC904</td> <td>C1</td> <td>VR300</td> <td>G1</td> <td colspan="4" rowspan="3"></td>	IC904	C1	VR300	G1				
Q312	E1	Q1000	C2 <td>IC908</td> <td>C1</td> <td>VR301</td> <td>F1</td>	IC908	C1	VR301	F1				
Q315	F2	Q1002	D2 <td>IC913</td> <td>A2</td> <td>VR302</td> <td>E1</td>	IC913	A2	VR302	E1				
Q316	F2	Transister & Resistor		IC916	A3	VR303	E1	TP1102	C2		
Q317	E2			IC916	A3	VR304	F1	TP1103	C2		
Q318	E2			IC916	A3	VR305	E1	TP1104	B2		
Q319	E2	QR500	H1 <td>IC1003</td> <td>B1</td> <td>VR306</td> <td>E1</td> <td>TP1105</td> <td>C2</td> <td colspan="2"></td>	IC1003	B1	VR306	E1	TP1105	C2		
Q320	F4	QR501	H1 <td>IC1053</td> <td>A2</td> <td>VR307</td> <td>F1</td> <td>TG100</td> <td>E5</td> <td colspan="2"></td>	IC1053	A2	VR307	F1	TG100	E5		
Q400	G1	QR800	E2 <td>IC1057</td> <td>A2</td> <td>VR400</td> <td>G1</td> <td>TG901</td> <td>D1</td> <td colspan="2"></td>	IC1057	A2	VR400	G1	TG901	D1		
Q401	G1	QR801	J3 <td>IC1103</td> <td>D2</td> <td>VR500</td> <td>H1</td> <td>TG1106</td> <td>B2</td> <td colspan="2"></td>	IC1103	D2	VR500	H1	TG1106	B2		
Q402	G1	QR802	I3 <td>IC1107</td> <td>B2</td> <td>VR502</td> <td>H1</td> <td colspan="4" rowspan="3">Conector</td>	IC1107	B2	VR502	H1	Conector			
Q403	G1	QR803	J3 <td>IC1108</td> <td>C2</td> <td>VR503</td> <td>H1</td>	IC1108	C2	VR503	H1				
Q404	H1	Integrated Circuit		IC1113	B2	VR504	H1				
Q405	H2			IC1115	B1	VR505	J1	P1	G5		
Q406	F1			IC1151	D2	VR506	H1	P2	B5		
Q407	F1	IC151	D4 <td>IC1151</td> <td>D2</td> <td>VR507</td> <td>H1</td> <td>P3</td> <td>A3</td> <td colspan="2"></td>	IC1151	D2	VR507	H1	P3	A3		
Q408	H2	IC157	D3 <td>IC1152</td> <td>D3</td> <td>VR800</td> <td>I1</td> <td colspan="4" rowspan="10"></td>	IC1152	D3	VR800	I1				
Q409	G1	IC164	E3 <td>IC1153</td> <td>G3</td> <td>VR801</td> <td>I1</td>	IC1153	G3	VR801	I1				
Q500	H2	IC200	C4 <td>IC1154</td> <td>G4</td> <td>VR802</td> <td>J2</td>	IC1154	G4	VR802	J2				
Q501	H2	IC250	B3 <td>IC1155</td> <td>D3</td> <td>VR803</td> <td>I1</td>	IC1155	D3	VR803	I1				
Q502	H2	IC254	B3 <td>IC1156</td> <td>G2</td> <td>VR900</td> <td>C1</td>	IC1156	G2	VR900	C1				
Q503	H2	IC255	B4 <td>IC1157</td> <td>D2</td> <td>VR901</td> <td>C1</td>	IC1157	D2	VR901	C1				
		IC256	B4 <td>IC1158</td> <td>D3</td> <td>VR902</td> <td>B1</td>	IC1158	D3	VR902	B1				
		IC257	B5 <td>IC1159</td> <td>D3</td> <td>VR1000</td> <td>B1</td>	IC1159	D3	VR1000	B1				
		IC300	H3 <td></td> <td></td> <td></td> <td></td>								
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ADDRESS INFORMATION

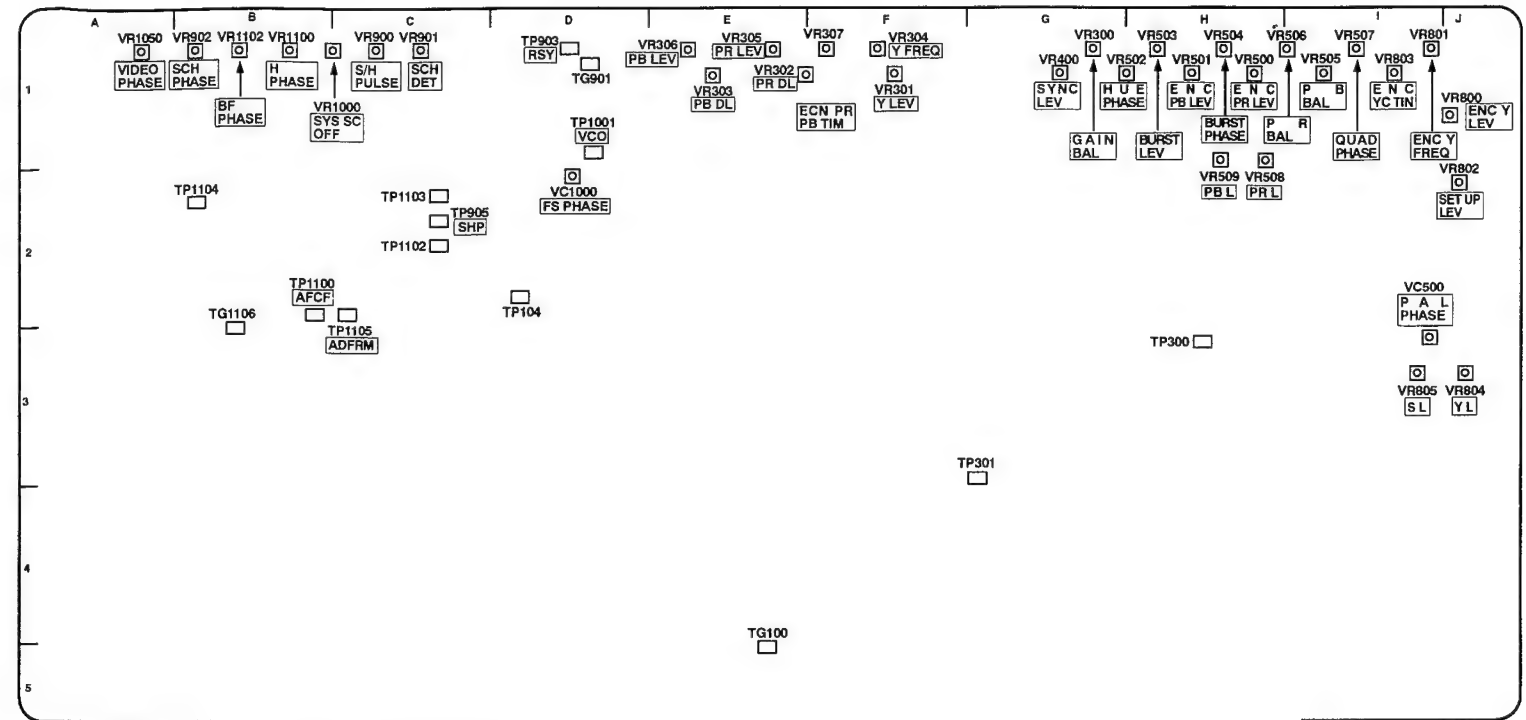
V OUT C.B.A. (COMPONENT SIDE)											
Transister		IC209	D4	IC1005	C3	VR509	H1				
Q308	F1	IC251	C4	IC1015	C1	VR800	I1				
Q310	E1	IC252	B4	IC1051	A1	VR801	I1				
Q313	E2	IC306	G3	IC1055	A2	VR802	J1				
Q314	E2	IC307	F3	IC1056	A2	VR803	I1				
Q410	F1	IC308	E3	IC1058	A3	VR900	C1				
Q504	I2	IC309	F1	IC1100	B3	VR901	C1				
Q509	I3	IC310	E1	IC1102	B3	VR902	B1				
Q514	I2	IC311	E1	IC1114	B1	VR1000	B1				
Q800	I5	IC314	F4	IC1116	B1	VR1050	A1				
Q801	I4	IC315	G4	IC1154	G4	VR1100	B1				
Q802	I3	IC316	E4	IC1160	I4	VR1102	B1				
Q803	I3	IC502	I2	IC1163	J4	VC500	I3				
Q851	H4	IC503	I2	Adjustment			VC1000	D2			
Transister & Resistor		IC600	B5	VR300	G1	TEST POINT					
QR1	I4	IC700	A4	VR301	F1	TP300	H3				
QR200	D3	IC800	I3	VR302	E1	TP301	G3				
QR201	D3	IC801	I3	VR303	E1	TP903	D1				
QR202	D3	IC802	I4	VR304	F1	TP905	C2				
Integrated Circuit		IC805	J3	VR305	E1	TP1001	D1				
IC150	D4	IC850	H4	VR306	E1	TP1100	B2				
IC152	D4	IC900	D1	VR307	F1	TP1102	C2				
IC153	D4	IC902	C1	VR310	F1	TP1103	C2				
IC154	D4	IC909	C1	VR400	G1	TP1104	B2				
IC154	D4	IC910	A1	VR500	H1	TP1105	C2				
IC156	E3	IC915	C1	VR501	H1	TG100	E5				
IC158	C4	IC923	B2	VR502	G1	TG901	D1				
IC159	D3	IC924	A3	VR503	H1	TG1106	B2				
IC160	C3	IC925	A2	VR504	H1	Conector					
IC161	E4	IC1000	C2	VR505	I1	P1	G5				
IC163	D3	IC1001	D3	VR506	I1	P2	C5				
IC201	C4	IC1002	C2	VR507	I1	P3	A3				
IC202	E4	IC1004	C2	VR508	H1						



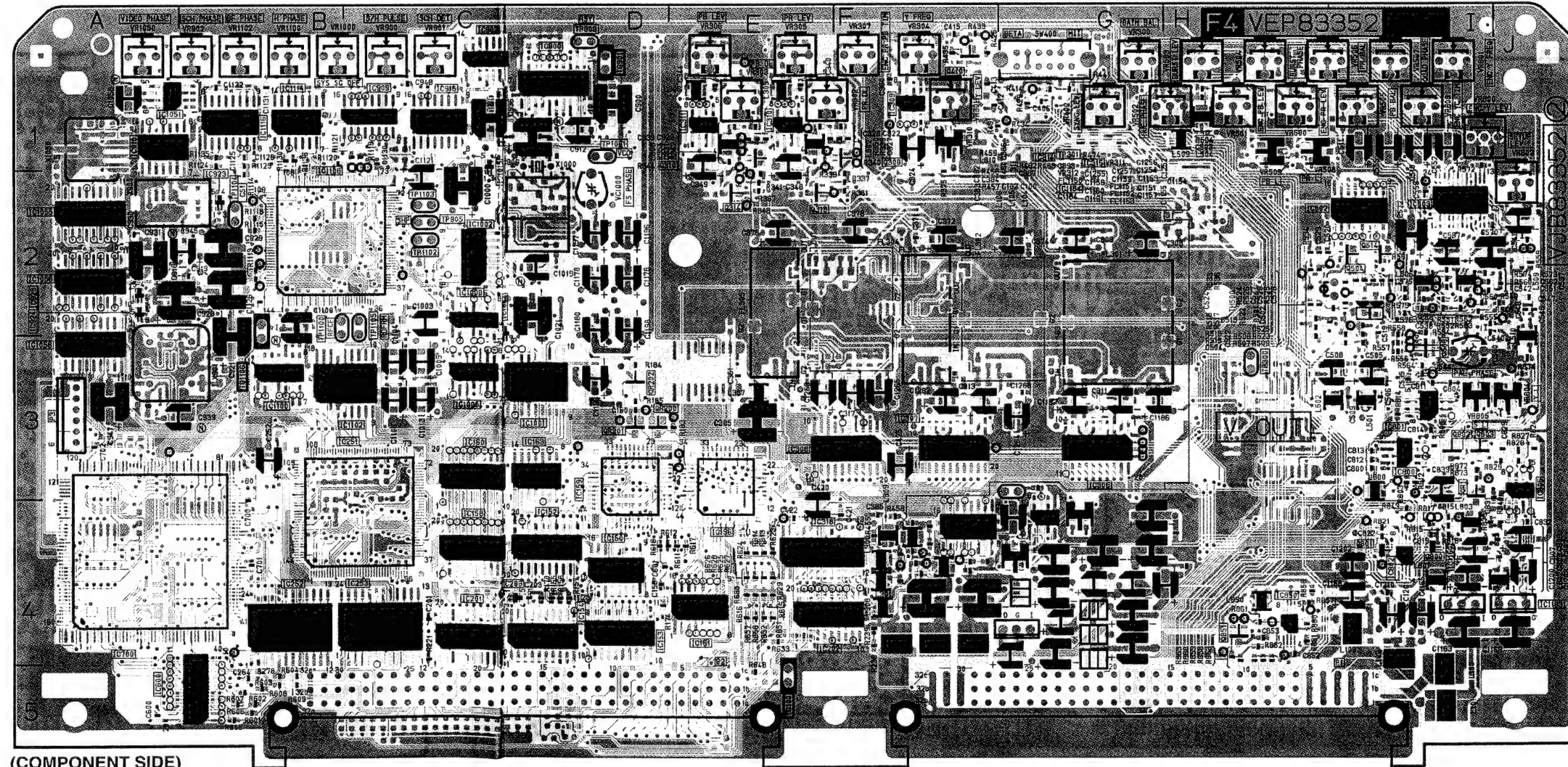
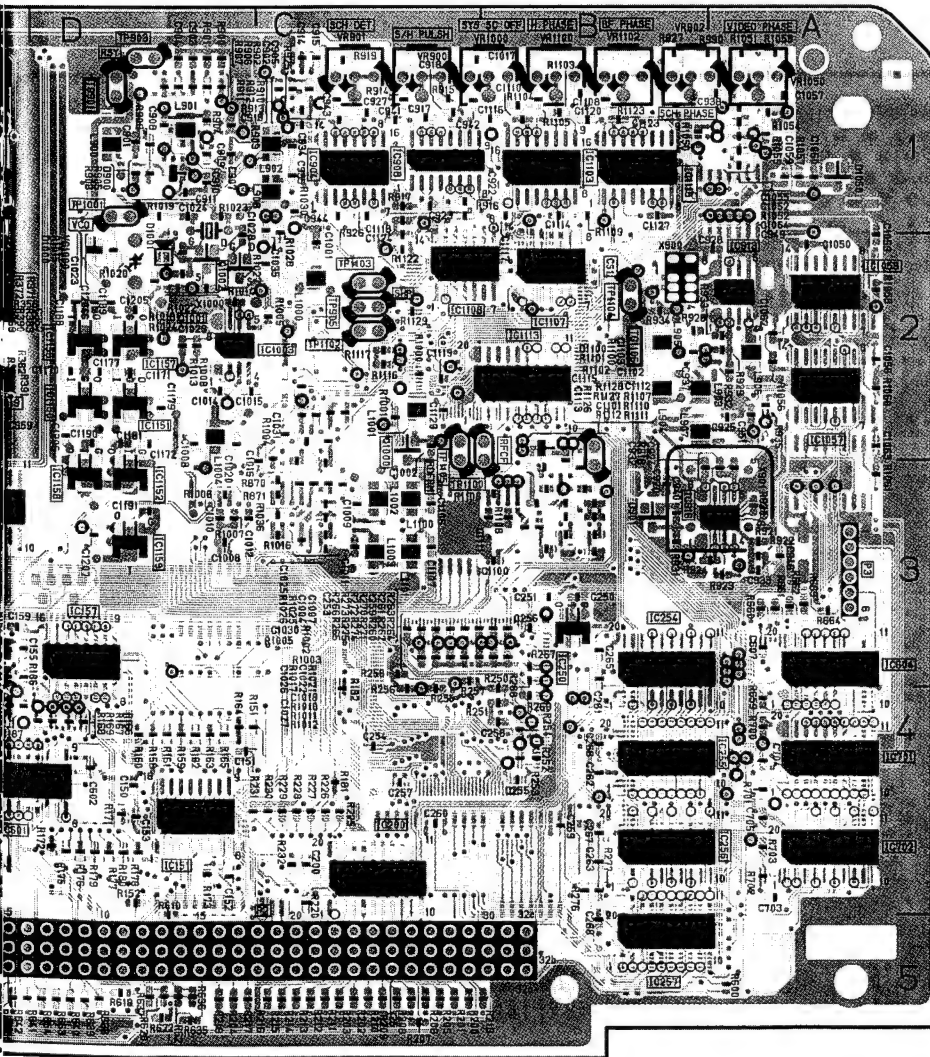
A1
B1
B1
I3
D2
TEST POINT
H3
G3
D1
C2
D1
B2
C2
C2
E5
D1
B2
Conector
G5
B5
A3

V OUT C.B.A. (COMPONENT SIDE)									
Transister		IC209	D4	IC1005	C3	VR509	H1		
Q308	F1	IC251	C4	IC1015	C1	VR800	I1		
Q310	E1	IC252	B4	IC1051	A1	VR801	I1		
Q313	E2	IC306	G3	IC1055	A2	VR802	J1		
Q314	E2	IC307	F3	IC1056	A2	VR803	I1		
Q410	F1	IC308	E3	IC1058	A3	VR900	C1		
Q504	I2	IC309	F1	IC1100	B3	VR901	C1		
Q509	I3	IC310	E1	IC1102	B3	VR902	B1		
Q514	I2	IC311	E1	IC1114	B1	VR1000	B1		
Q800	I5	IC314	F4	IC1116	B1	VR1050	A1		
Q801	I4	IC315	G4	IC1154	G4	VR1100	B1		
Q802	I3	IC316	E4	IC1160	I4	VR1102	B1		
Q803	I3	IC502	I2	IC1163	J4	VC500	I3		
Q851	H4	IC503	I2	Adjustment		VC1000	D2		
Transister & Resistor		IC600	B5	VR300	G1	TEST POINT			
QR1	I4	IC700	A4	VR301	F1	TP300	H3		
QR200	D3	IC800	I3	VR302	E1	TP301	G3		
QR201	D3	IC801	I3	VR303	E1	TP903	D1		
QR202	D3	IC802	I4	VR304	F1	TP905	C2		
Integrated Circuit		IC805	J3	VR305	E1	TP1001	D1		
IC150	D4	IC850	H4	VR306	E1	TP1100	B2		
IC152	D4	IC900	D1	VR307	F1	TP1102	C2		
IC153	D4	IC902	C1	VR310	F1	TP1103	C2		
IC154	D4	IC909	C1	VR400	G1	TP1104	B2		
IC156	E3	IC910	A1	VR500	H1	TP1105	C2		
IC158	C4	IC915	C1	VR501	H1	TP100	E5		
IC159	D3	IC923	B2	VR502	G1	TG901	D1		
IC160	C3	IC924	A3	VR503	H1	TG1106	B2		
IC161	E4	IC925	A2	VR504	H1				
IC163	D3	IC1000	C2	VR505	I1	Conector			
IC201	C4	IC1001	D3	VR506	I1	P1	G5		
IC202	E4	IC1002	C2	VR507	I1	P2	C5		
		IC1004	C2	VR508	H1	P3	A3		

ADDRESS INFORMATION



REF.NO.3000SERIES



(COMPONENT SIDE)



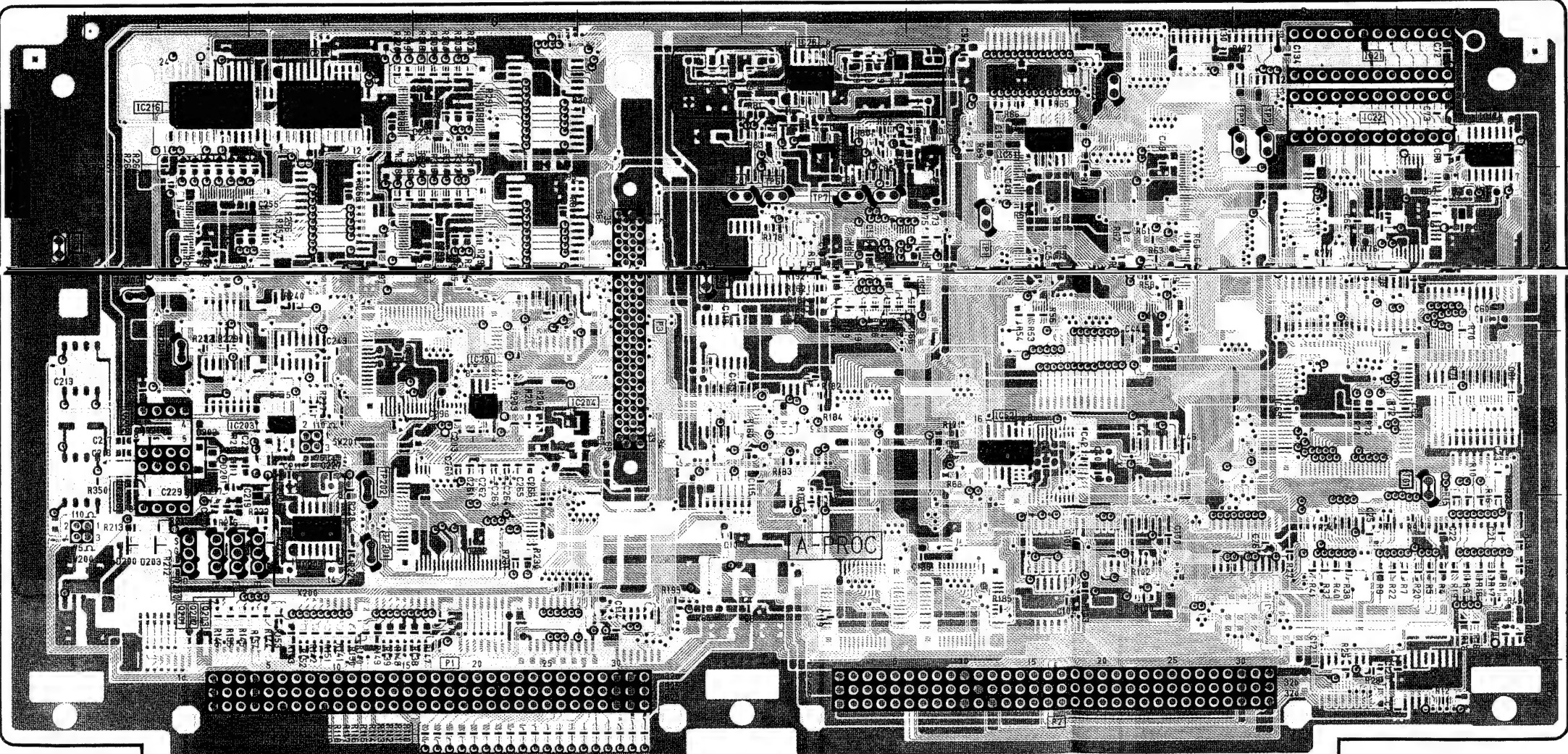
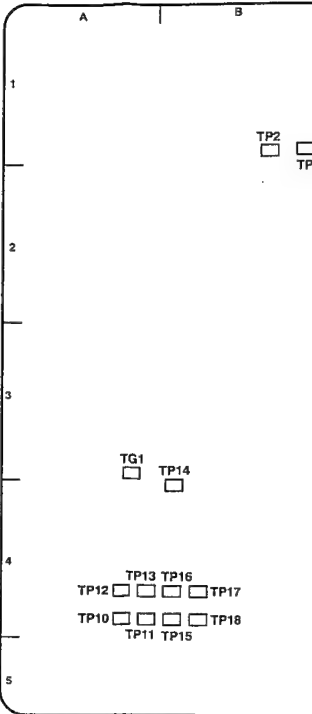
AUDIO PROCESS C.B.A.

AUDIO PROCESS C.B.A. (FOIL SIDE)			
Transistor		Test Point	
Q200	I-4	TG1	A-3
Q201	I-4	TG2	F-2
Q202	I-4	TG3	J-2
Q203	I-4	TP1	D-2
Integrated Circuit		TP2	B-1
IC17	A-1	TP3	B-1
IC21	B-1	TP4	C-1
IC22	B-1	TP5	D-2
IC24	D-1	TP6	E-2
IC26	E-1	TP7	E-2
IC27	E-1	TP8	F-2
IC51	D-1	TP200	I-2
IC52	D-3	TP201	H-4
IC201	G-3	TP202	H-3
IC202	I-3	TP203	I-3
IC203	I-3	Connector	
IC204	F-3	P1	G-5
IC205	H-4	P2	D-5
IC206	I-3	P3	F-2
IC214	H-1		
IC216	I-1		

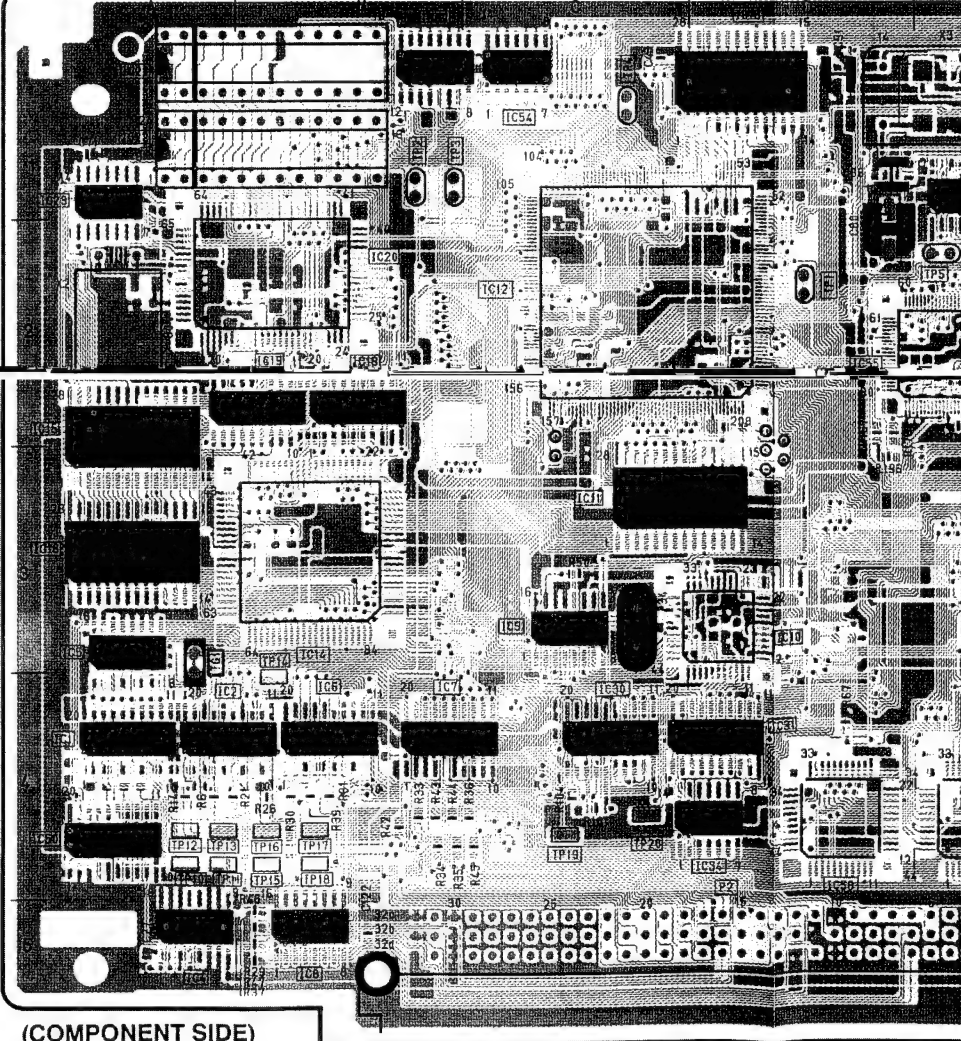
ADDRESS INFORMATION

AUDIO PROCESS C.B.A. (COMPONENT SIDE)											
Transistor		IC19	B-2	IC50	A-4	IC221	G-1	TP17	B-4		
Q200	I-4	IC20	B-2	IC53	F-3	IC222	G-2	TP18	B-4		
Q201	I-4	IC21	A-1	IC54	C-1	IC231	H-3	TP19	C-4		
Q202	I-4	IC22	A-1	IC55	D-2	Test Point		TP20	C-4		
Q203	I-4	IC23	A-1	IC56	E-2	TG1	A-3	TP200	I-2		
Integrated Circuit		IC25	E-1	IC57	B-1	TG2	F-2	TP202	H-3		
IC1	A-4	IC28	F-1	IC58	D-4	TG3	J-2	TP203	I-3		
IC2	A-4	IC30	C-4	IC200	G-3	TP1	D-2	Connector			
IC4	A-5	IC31	D-4	IC202	I-3	TP2	B-1	P1	G-5		
IC5	A-3	IC34	D-4	IC206	I-3	TP3	B-1	P2	D-4		
IC6	B-4	IC35	G-4	IC207	G-3	TP4	C-1	P3	F-2		
IC7	B-4	IC36	G-4	IC208	I-3	TP5	E-2				
IC8	B-5	IC37	G-4	IC209	I-2	TP6	E-2				
IC9	C-3	IC38	I-4	IC210	H-2	TP7	E-2				
IC10	D-3	IC39	H-1	IC211	G-3	TP8	E-2				
IC11	C-3	IC40	I-4	IC212	I-1	TP10	A-4				
IC12	C-2	IC41	F-4	IC213	H-1	TP11	A-4				
IC13	D-1	IC42	F-3	IC215	H-1	TP12	A-4				
IC14	B-3	IC43	E-4	IC217	I-2	TP13	A-4				
IC15	A-2	IC44	E-3	IC218	H-2	TP14	B-3				
IC16	A-3	IC45	E-3	IC219	G-1	TP15	B-4				
IC18	B-2	IC46	F-3	IC220	G-2	TP16	B-14				

ADDRESS INFORMATION



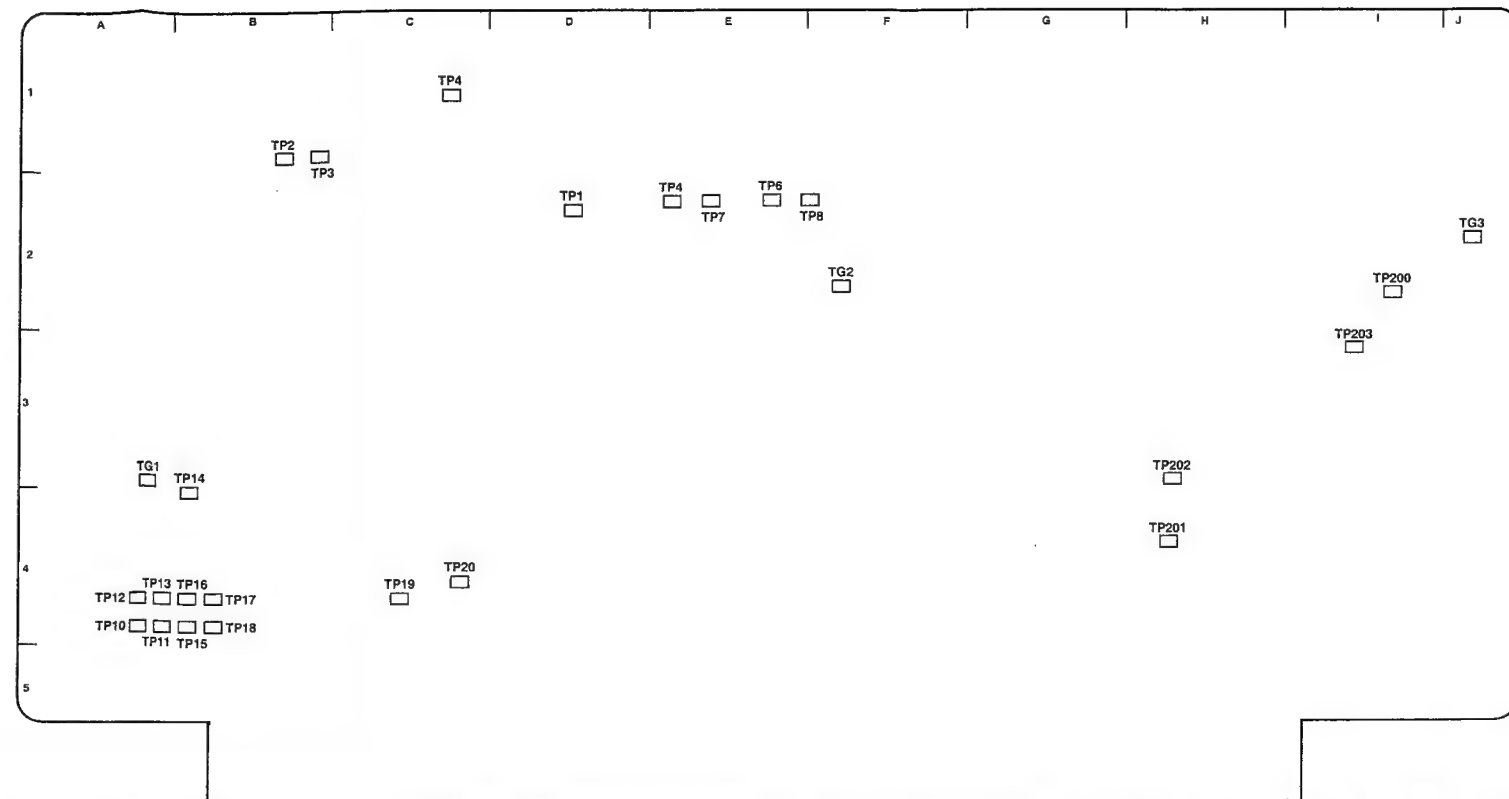
(FOIL SIDE)



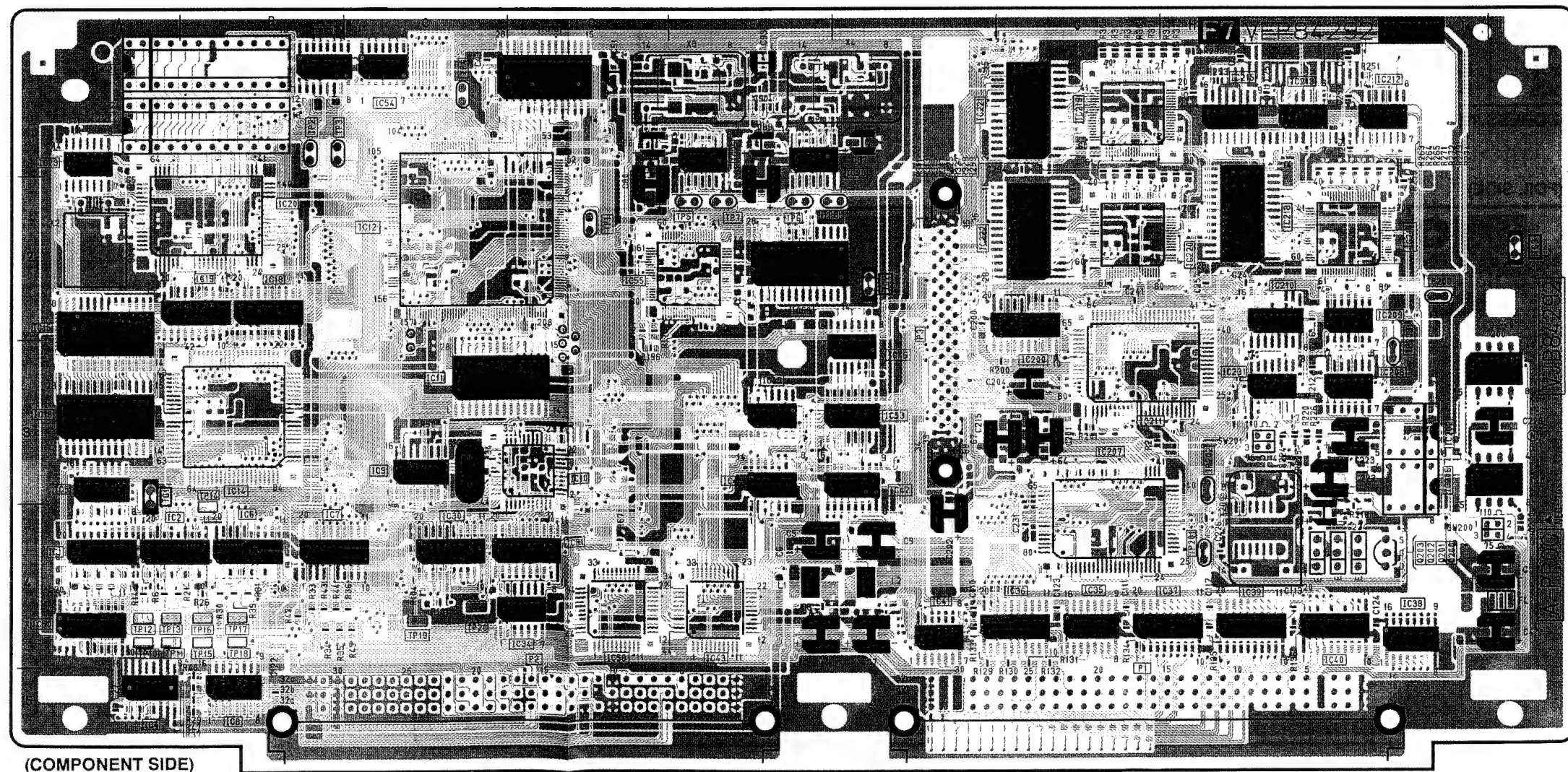
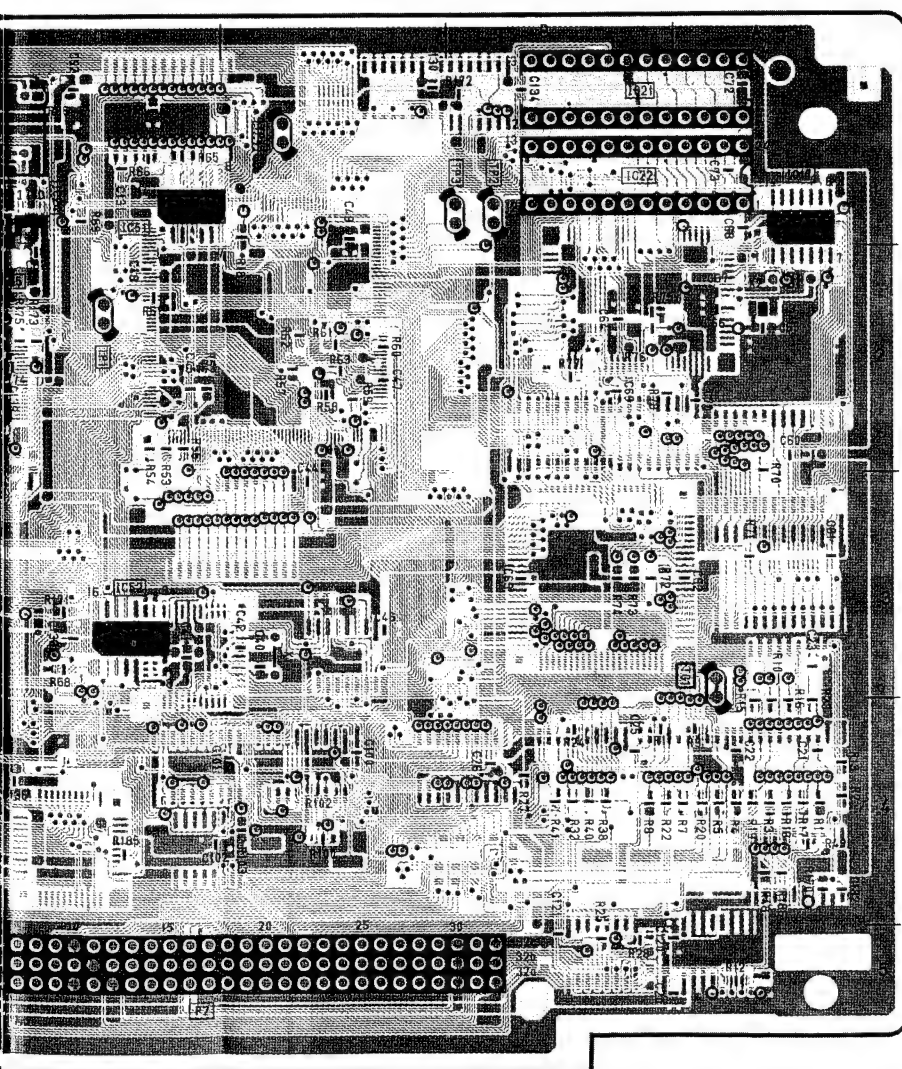
(COMPONENT SIDE)



AUDIO PROCESS C.B.A. (COMPONENT SIDE)								
	IC19	B-2	IC50	A-4	IC221	G-1	TP17	B-4
I-4	IC20	B-2	IC53	F-3	IC222	G-2	TP18	B-4
I-4	IC21	A-1	IC54	C-1	IC231	H-3	TP19	C-4
I-4	IC22	A-1	IC55	D-2	Test Point		TP20	C-4
Unit	IC23	A-1	IC56	E-2	TG1	A-3	TP200	I-2
	IC25	E-1	IC57	B-1	TG2	F-2	TP202	H-3
	IC28	F-1	IC58	D-4	TG3	J-2	TP203	I-3
	IC30	C-4	IC200	G-3	TP1	D-2	Connector	
A-4	IC31	D-4	IC202	I-3	TP2	B-1	P1	G-5
A-5	IC34	D-4	IC206	I-3	TP3	B-1	P2	D-4
B-4	IC35	G-4	IC207	G-3	TP4	C-1	P3	F-2
B-4	IC36	G-4	IC208	I-3	TP5	E-2		
B-5	IC37	G-4	IC209	I-2	TP6	E-2		
C-3	IC38	I-4	IC210	H-2	TP7	E-2		
D-3	IC39	H-1	IC211	G-3	TP8	E-2		
C-3	IC40	I-4	IC212	I-1	TP10	A-4		
C-2	IC41	F-4	IC213	H-1	TP11	A-4		
D-1	IC42	F-3	IC215	H-1	TP12	A-4		
B-3	IC43	E-4	IC217	I-2	TP13	A-4		
A-2	IC44	E-3	IC218	H-2	TP14	B-3		
A-3	IC45	E-3	IC219	G-1	TP15	B-4		
B-2	IC46	F-3	IC220	G-2	TP16	B-14		

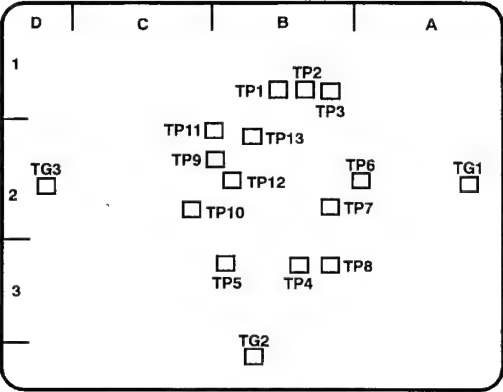


FORMATION



(COMPONENT SIDE)

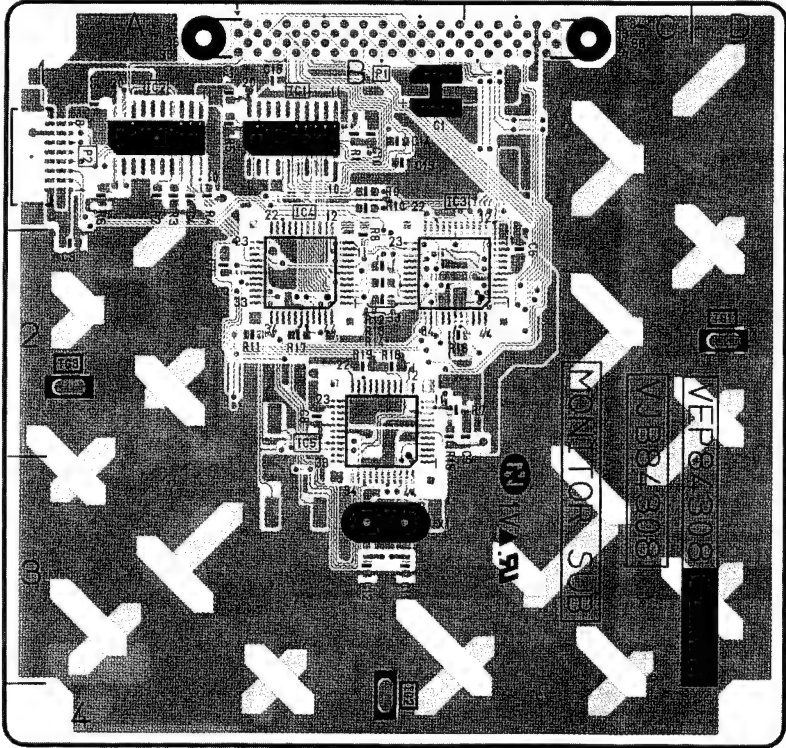
MONITOR SUB C.B.A.



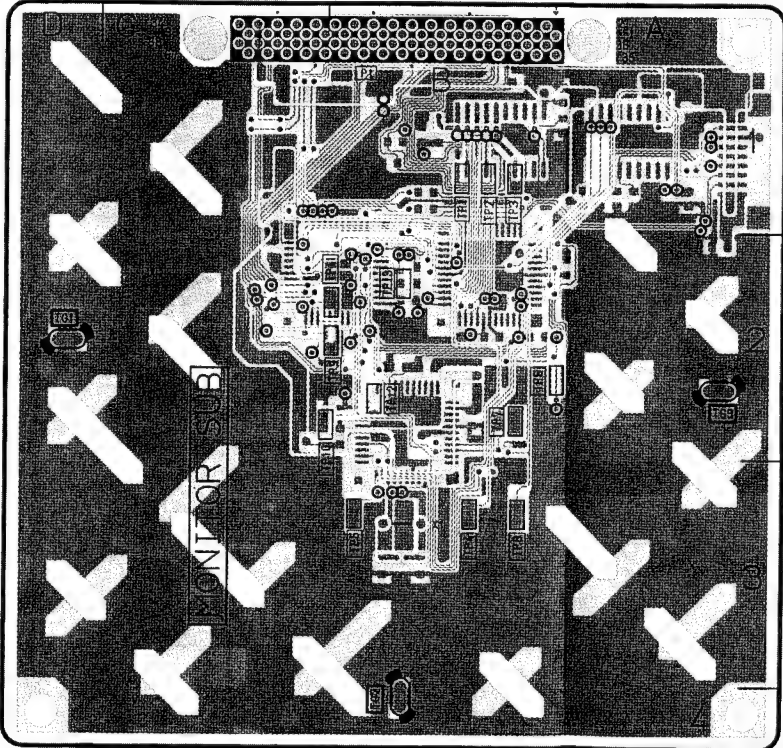
MONITOR SUB C.B.A. (COMPONENT SIDE)						MONITOR SUB C.B.A. (FOIL SIDE)							
Integrated Circuit		Test Point		Connector		Test Point		TP6	B-2	TP12	B-2	Connector	
IC1	B-1	TG1	D-2	P1	B-1	TP1	B-1	TP7	B-2	TP13	B-2	P1	B-1
IC2	A-1	TG2	B-4	P2	A-1	TP2	B-1	TP8	B-3				
IC3	B-2	TG3	A-2			TP3	B-1	TP9	B-2	TG1	D-2		
IC4	B-2					TP4	B-3	TP10	C-2	TG2	B-4		
IC5	B-2					TP5	B-3	TP11	B-2	TG3	A-2		

ADDRESS INFORMATION

(FOIL SIDE)



(COMPONENT SIDE)





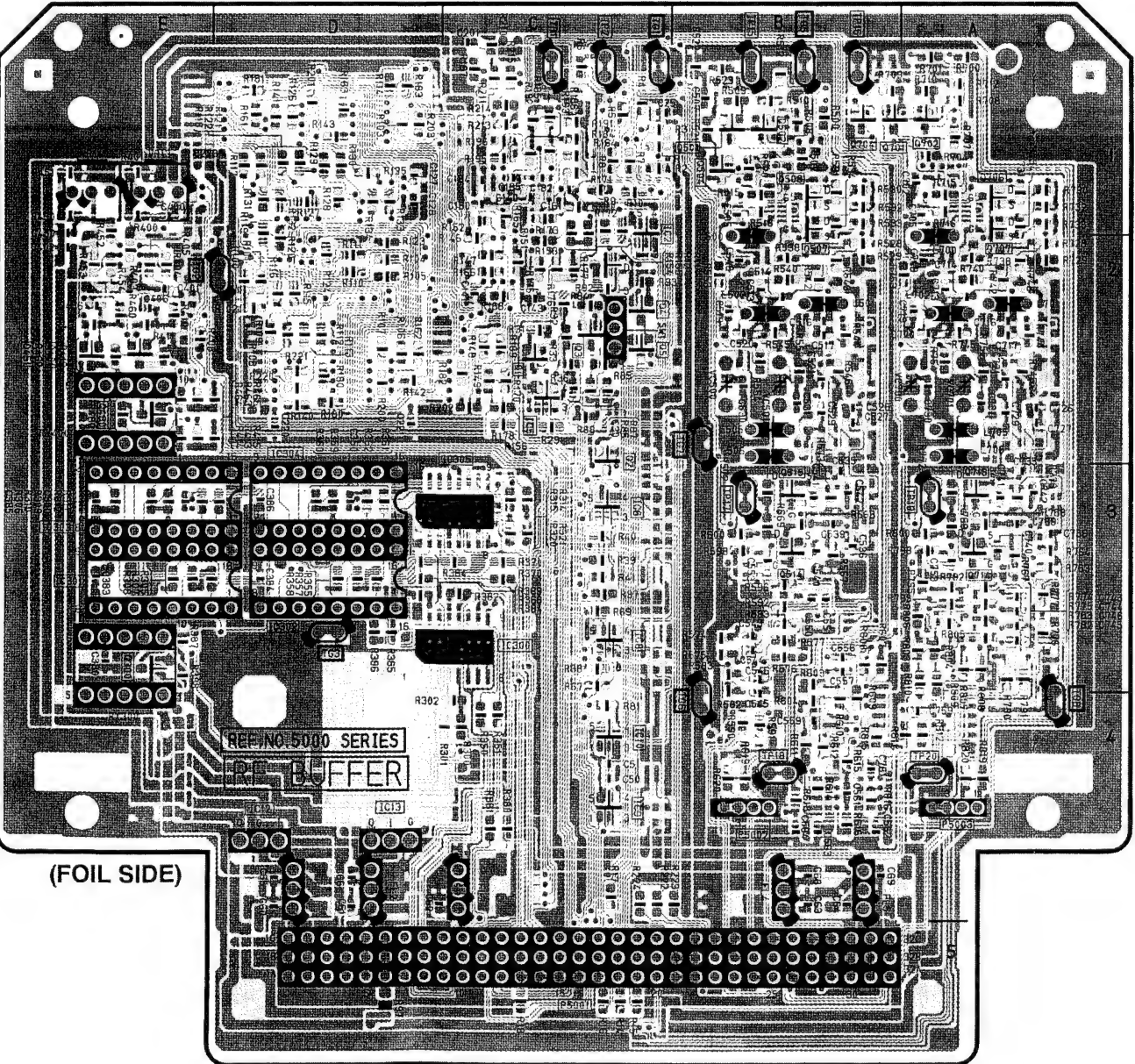
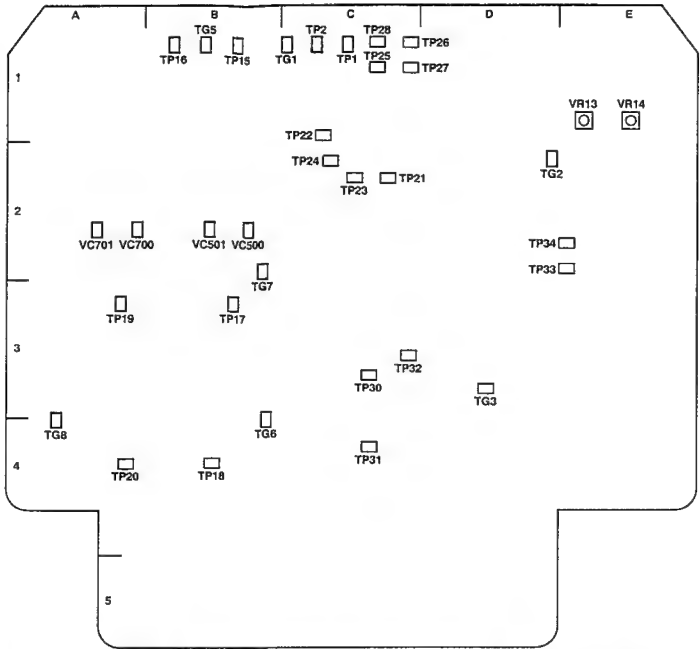
RF BUFFER C.B.A.

RF BUFFER C.B.A. (FOIL SIDE)					
Transistor		Integrated Circuit		TP15	B-1
Q1	C-2	IC2	C-1	TP16	B-1
Q2	C-2	IC5	C-2	TP17	B-3
Q3	C-2	IC6	C-3	TP18	B-4
Q4	C-2	IC8	C-3	TP19	A-3
Q5	C-2	IC9	C-4	TP20	A-4
Q300	E-3	IC10	C-4	Adjustment	
Q401	E-2	IC12	D-4		
Q451	E-2	IC13	D-4	VC500	B-2
Q480	E-2	IC300	C-3	VC501	B-2
Q501	B-1	IC301	E-3	VC700	A-2
Q502	B-1	IC302	D-3	VR13	E-1
Q504	B-1	IC303	E-3	VR14	E-1
Q506	B-1	IC304	D-2	Connector	
Q507	B-2	IC305	C-2		
Q514	B-3	Test Point		P5001	C-5
Q515	B-3			P5002	B-4
Q701	B-1	TG1	C-1	P5003	A-4
Q702	A-1	TG3	D-3		
Q704	B-1	TG5	B-1		
Q706	A-1	TG6	B-4		
Q707	A-2	TG7	B-2		
Q714	A-3	TG8	A-4		
Q715	A-3	TP1	C-1		

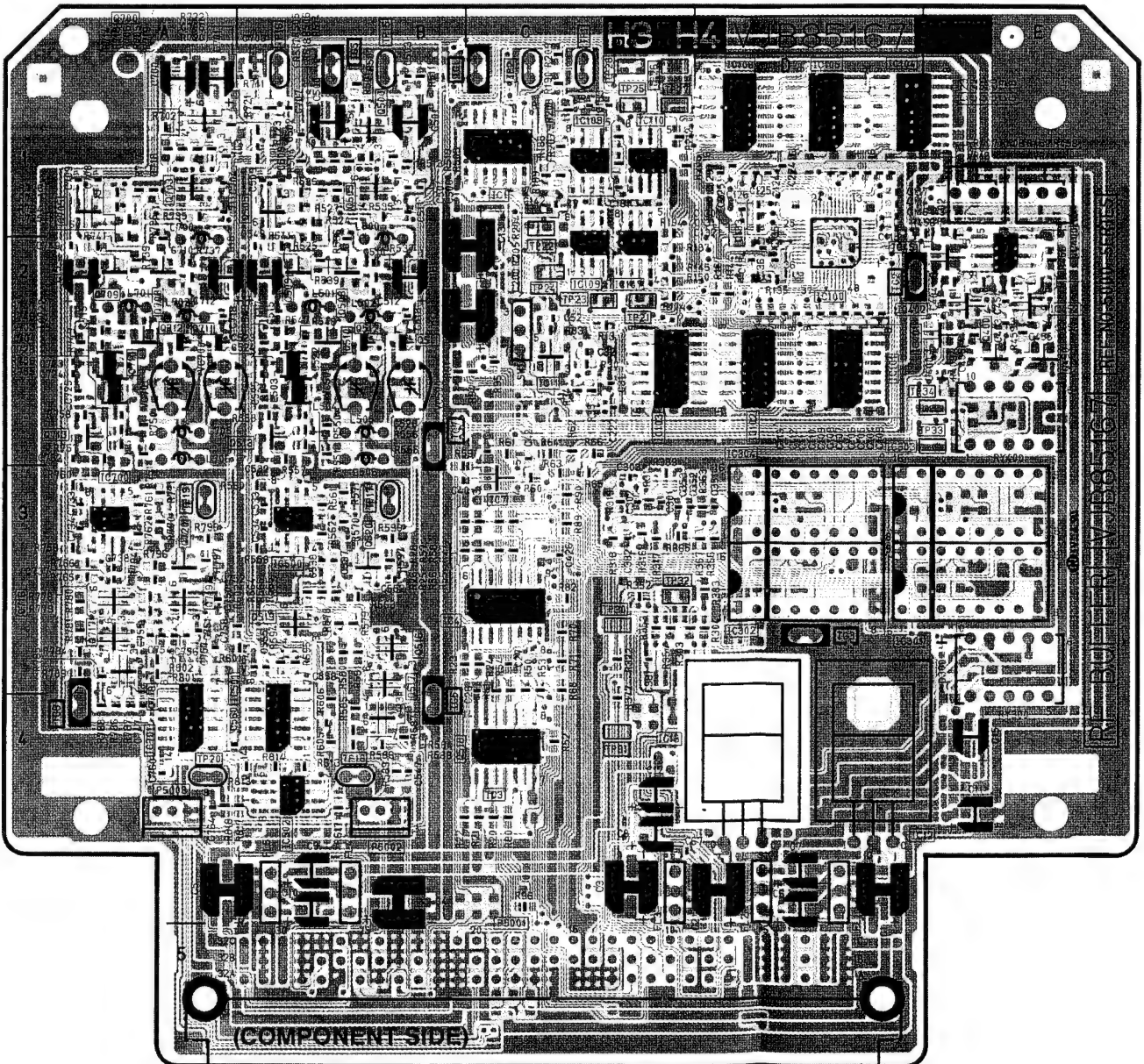
ADDRESS INFORMATION

RF BUFFER C.B.A. (COMPONENT SIDE)											
Transistor		Q712	A-2	IC109	C-2	TP20	A-4	VC700	A-2		
Q400	E-2	Q713	A-2	IC110	C-1	TP21	C-2	VC701	A-2		
Q450	E-2	Q716	A-3	IC301	D-3	TP22	C-2	VR13	E-1		
Q500	B-1	Q717	A-3	IC302	D-3	TP23	C-2	VR14	E-1		
Q503	B-1	Q718	A-3	IC303	D-2	TP24	C-2	Connector			
Q505	B-1	Q719	A-3	IC304	D-2	TP25	C-1				
Q508	B-2	Q720	A-3	IC400	E-2	TP26	C-1	P5001	C-5		
Q509	B-2	Integrated Circuit		IC401	D-2	TP27	C-1	P5002	B-4		
Q510	B-2	IC1	C-1	IC402	D-2	TP28	C-1	P5003	A-4		
Q511	B-2	IC3	C-4	IC451	D-2	TP30	C-3				
Q512	B-2	IC4	B-3	IC452	E-2	TP31	C-4				
Q513	B-2	IC7	C-3	IC500	B-3	TP32	C-3				
Q516	B-3	IC11	C-2	IC501	B-4	TP33	E-2				
Q517	B-3	IC12	D-4	IC502	B-4	TP34	E-2				
Q518	C-4	IC13	C-4	IC700	A-3	TG1	B-1				
Q519	B-3	IC100	D-2	IC701	A-4	TG2	D-2				
Q520	B-3	IC101	D-2	Test Point		TG3	D-3				
Q700	A-1	IC102	D-2	TP1	C-1	TG6	B-4				
Q703	A-1	IC103	C-2	TP2	C-1	TG5	B-1				
Q705	A-1	IC104	D-1	TP15	B-1	TG7	B-2				
Q708	A-2	IC105	D-1	TP16	B-1	TG8	A-4				
Q709	A-2	IC106	D-1	TP17	B-3	Adjustment					
Q710	A-2	IC107	C-2	TP18	B-4	VC500	B-2				
Q711	A-2	IC108	C-1	TP19	A-3	VC501	B-2				

ADDRESS INFORMATION



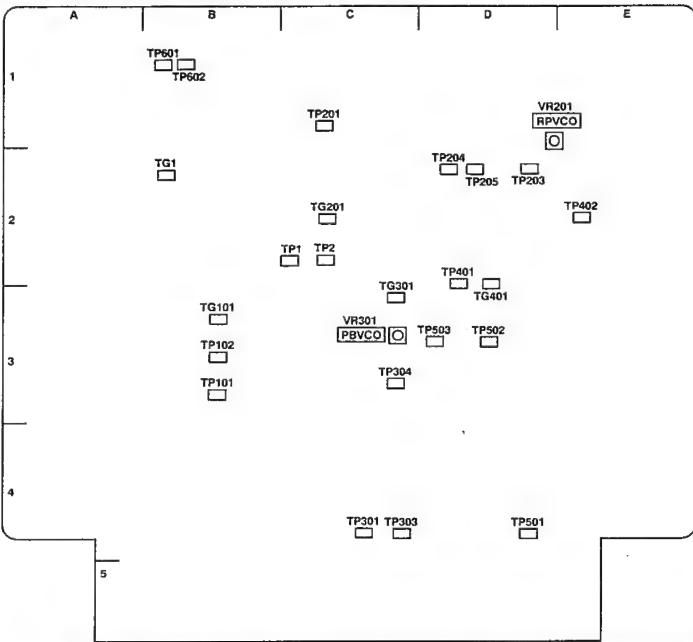
(FOIL SIDE)



(COMPONENT SIDE)



EQUALIZER C.B.A.

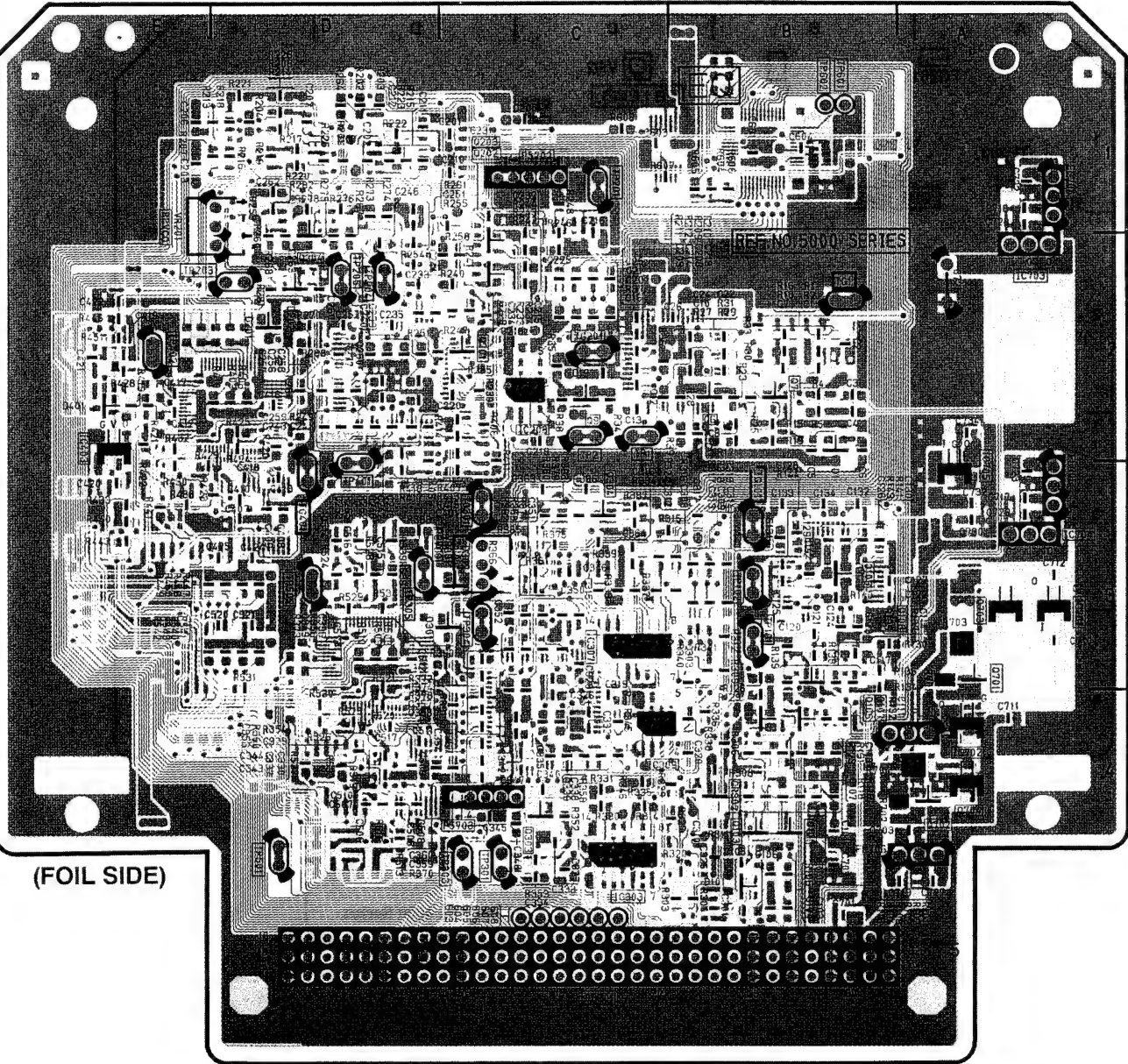


EQUALIZER C.B.A. (FOIL SIDE)					
Transistor		IC303	C-4	TP205	D-2
Q6	B-2	IC307	C-3	TP301	C-4
Q7	B-2	IC309	C-4	TP303	C-4
Q101	B-4	IC403	E-2	TP304	C-3
Q103	B-4	IC701	A-3	TP305	D-3
Q106	B-4	IC702	A-4	TP401	D-3
Q107	B-4	IC703	A-2	TP402	E-2
Q108	A-3	IC704	A-3	TP501	D-4
Q109	B-3	IC705	A-3	TP502	D-3
Q202	C-1	Test Point		TP601	B-1
Q203	C-1	TG1	B-2	TP602	B-1
Q204	D-2	TG101	B-3	Adjustment	
Q303	C-4	TG201	C-2	VR201	E-1
Q304	C-3	TG301	C-3	VR301	C-3
Q701	A-3	TG401	D-3	Connector	
Q702	A-4	TP1	C-2	P5701	D-4
Q703	A-3	TP2	C-2	P5702	C-2
Q704	A-4	TP101	B-3	P5703	C-4
Transistor & Resistor		TP102	B-3		
QR302	B-4	TP201	C-1		
Integrated Circuit		TP203	D-2		
IC208	C-2	TP204	D-2		

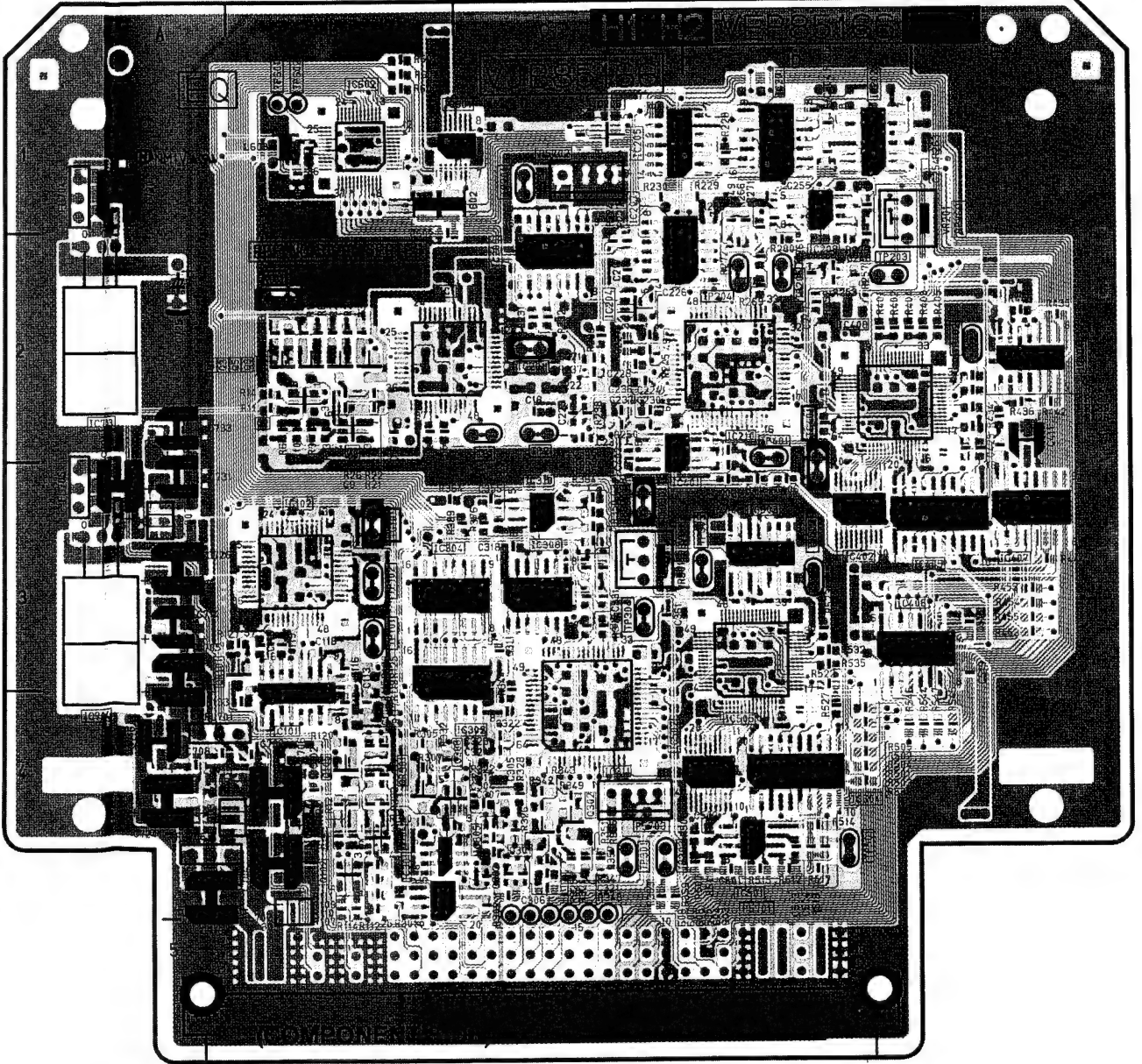
ADDRESS INFORMATION

EQUALIZER C.B.A. (COMPONENT SIDE)									
Transistor		IC204	C-2	IC502	C-4	TP301	C-4		
Q1	A-2	IC205	C-1	IC503	D-3	TP303	C-4		
Q2	B-2	IC206	C-1	IC504	D-4	TP304	C-3		
Q3	A-2	IC207	C-1	IC505	D-4	TP305	D-3		
Q4	B-2	IC209	D-1	IC601	C-1	TP401	D-2		
Q5	B-2	IC210	D-2	IC602	B-1	TP402	E-2		
Q8	B-2	IC301	B-4	IC703	A-2	TP501	D-4		
Q102	B-4	IC302	C-4	IC704	A-4	TP502	D-3		
Q104	B-4	IC304	B-3	Test Point		TP601	B-1		
Q105	B-4	IC305	C-4	TG1	B-2	TP602	B-1		
Q301	C-4	IC306	B-4	TG101	B-3	Adjustment			
Q302	C-4	IC308	C-3	TG201	C-2	VR201	E-1		
Transistor & Resistor		IC310	C-3	TG301	C-3	VR301	C-3		
QR101	A-3	IC311	C-4	TG401	D-2	Connector			
QR301	B-4	IC401	C-3	TP1	C-2	P5701	D-4		
Integrated Circuit		IC402	D-3	TP2	C-2	P5702	C-2		
IC1	B-2	IC404	E-2	TP101	B-3	P5703	C-4		
IC101	B-4	IC405	E-3	TP102	B-3				
IC102	B-3	IC406	E-3	TP201	C-1				
IC201	D-1	IC407	E-3	TP203	D-2				
IC202	D-1	IC408	D-2	TP204	D-1				
IC203	C-1	IC501	D-4	TP205	D-1				

ADDRESS INFORMATION

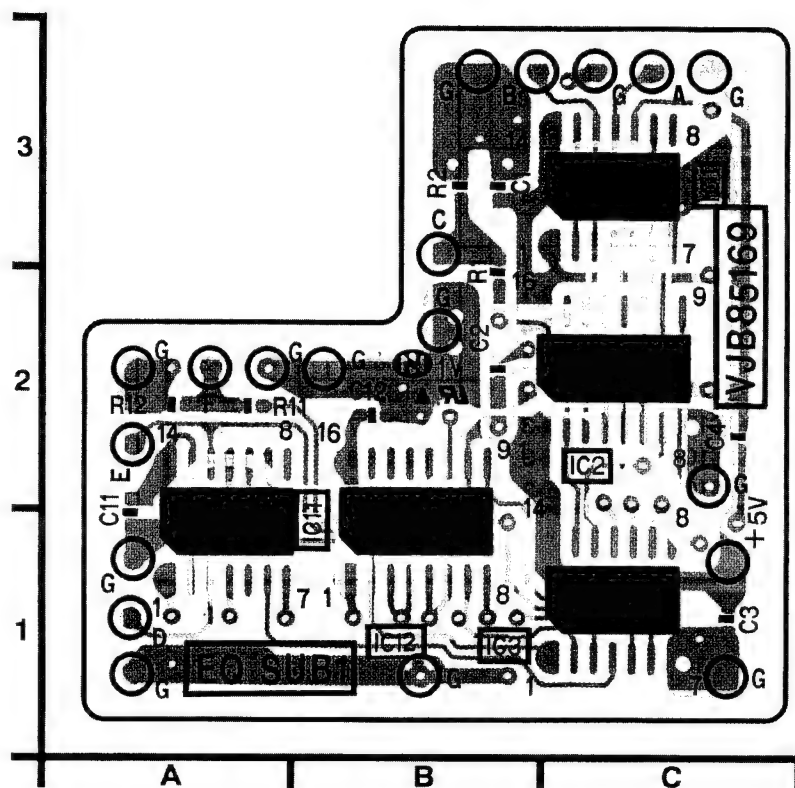


(FOIL SIDE)



(COMPONENT SIDE)

# EQUALIZER SUB C.B.A.





CUE / ERASE C.B.A.

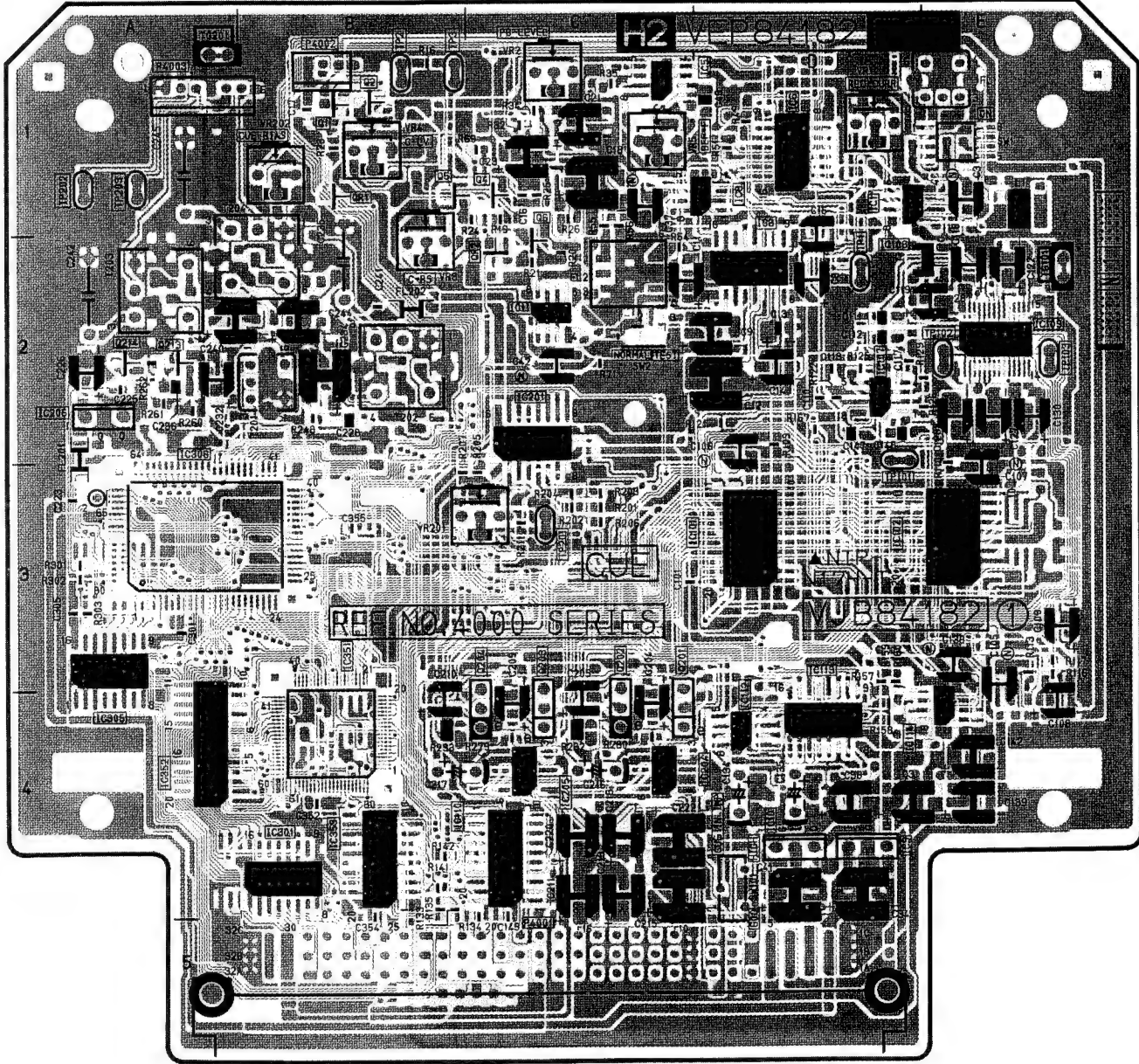
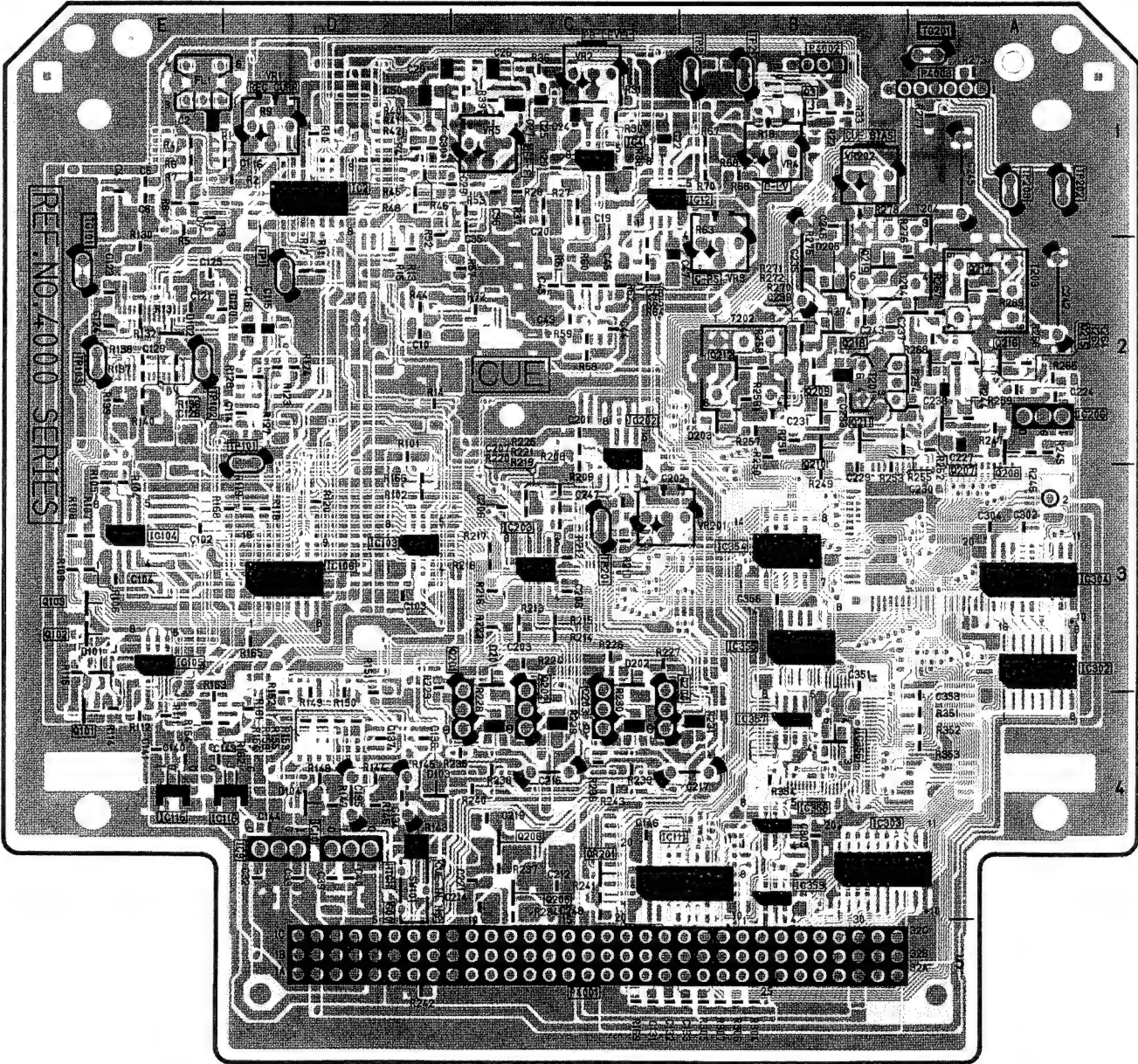
CUE / ERASE C.B.A. (FOIL SIDE)									
Transistor		Q212	B-2	IC106	D-3	Test Point		VR4	B-1
Q3	B-1	Q215	A-2	IC111	B-4	TG101	E-1	VR5	C-1
Q101	E-4	Q216	A-2	IC115	E-4	TG201	A-1	VR201	B-3
Q102	E-3	Q217	A-2	IC116	D-4	TP1	D-2	VR202	B-1
Q103	E-3	Q219	B-2	IC202	C-2	TP2	B-1	Connector	
Q201	C-4	Transistor & Resistor		IC203	C-3	TP3	B-1	P4001	C-5
Q202	C-4	QR201	C-4	IC206	A-2	TP101	D-2	P4002	B-1
Q203	C-4	Integrated Circuit		IC302	A-3	TP102	E-2	P4003	A-1
Q204	C-4	IC4	C-1	IC303	B-4	TP103	E-2	Adjustment	
Q205	C-4	IC6	D-1	IC304	A-3	TP201	C-3		
Q206	C-4	IC9	D-4	IC354	B-3	TP202	A-1		
Q207	A-3	IC10	D-4	IC355	B-3	TP203	A-1		
Q208	A-3	IC12	C-1	IC356	B-4	Adjustment		Adjustment	
Q209	B-2	IC103	D-3	IC357	B-4	VR1	D-1		
Q210	B-2	IC104	E-3	IC358	B-4	VR2	C-1		
Q211	B-2	IC105	E-3	IC359	B-4	VR3	B-2		

ADDRESS INFORMATION  
(COMPONENT SIDE)

CUE / ERASE C.B.A. (COMPONENT SIDE)								
Transistor		Integrated Circuit		IC113	D-3	TP2	B-1	Cor
Q1	B-1	IC1	D-1	IC114	D-4	TP3	B-1	
Q2	B-1	IC3	D-1	IC201	C-2	TP101	D-2	
Q4	C-1	IC5	D-1	IC204	D-4	TP102	E-2	
Q5	B-1	IC6	D-1	IC205	C-4	TP103	E-2	
Q6	C-1	IC8	D-1	IC206	A-2	TP201	C-3	
Q201	C-3	IC9	D-4	IC301	B-4	TP202	A-1	
Q202	C-3	IC10	D-4	IC305	A-4	TP203	A-1	
Q203	C-3	IC11	C-2	IC306	A-2	Adjustment		
Q204	C-3	IC101	C-3	IC351	B-3	VR1	D-1	
Q213	A-2	IC102	D-3	IC352	A-4	VR2	C-1	
Q214	A-2	IC107	D-2	IC353	B-4	VR3	B-2	
Transistor & Resistor		IC108	D-2	Test Point		VR4	B-1	
QR1	B-1	IC109	E-2	TG101	E-2	VR5	C-1	
QR2	C-2	IC110	B-4	TG201	A-1	VR201	B-3	
		IC112	D-4	TP1	D-2	VR202	B-1	

ADDRESS INFORMATION

(FOIL SIDE)



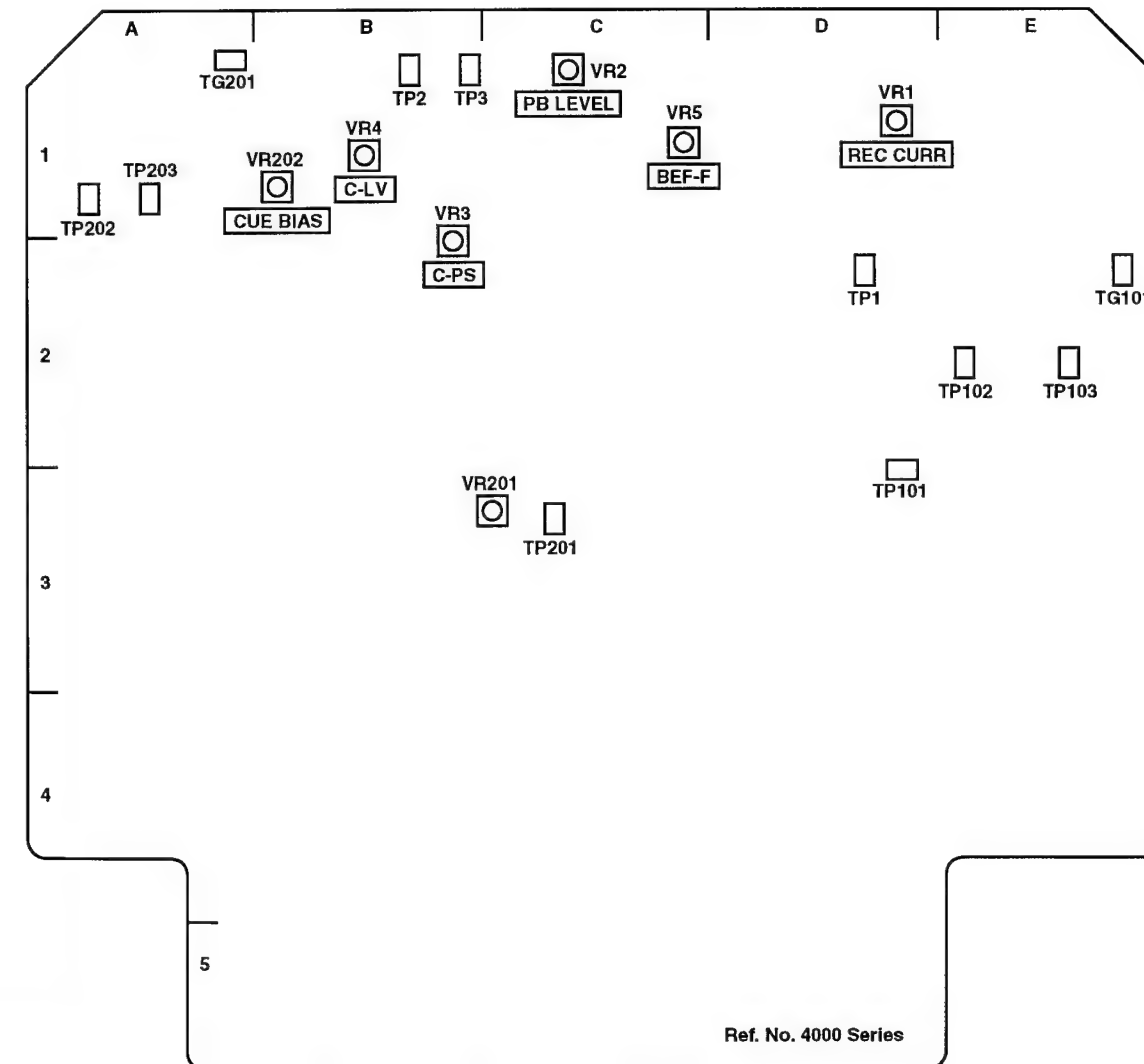
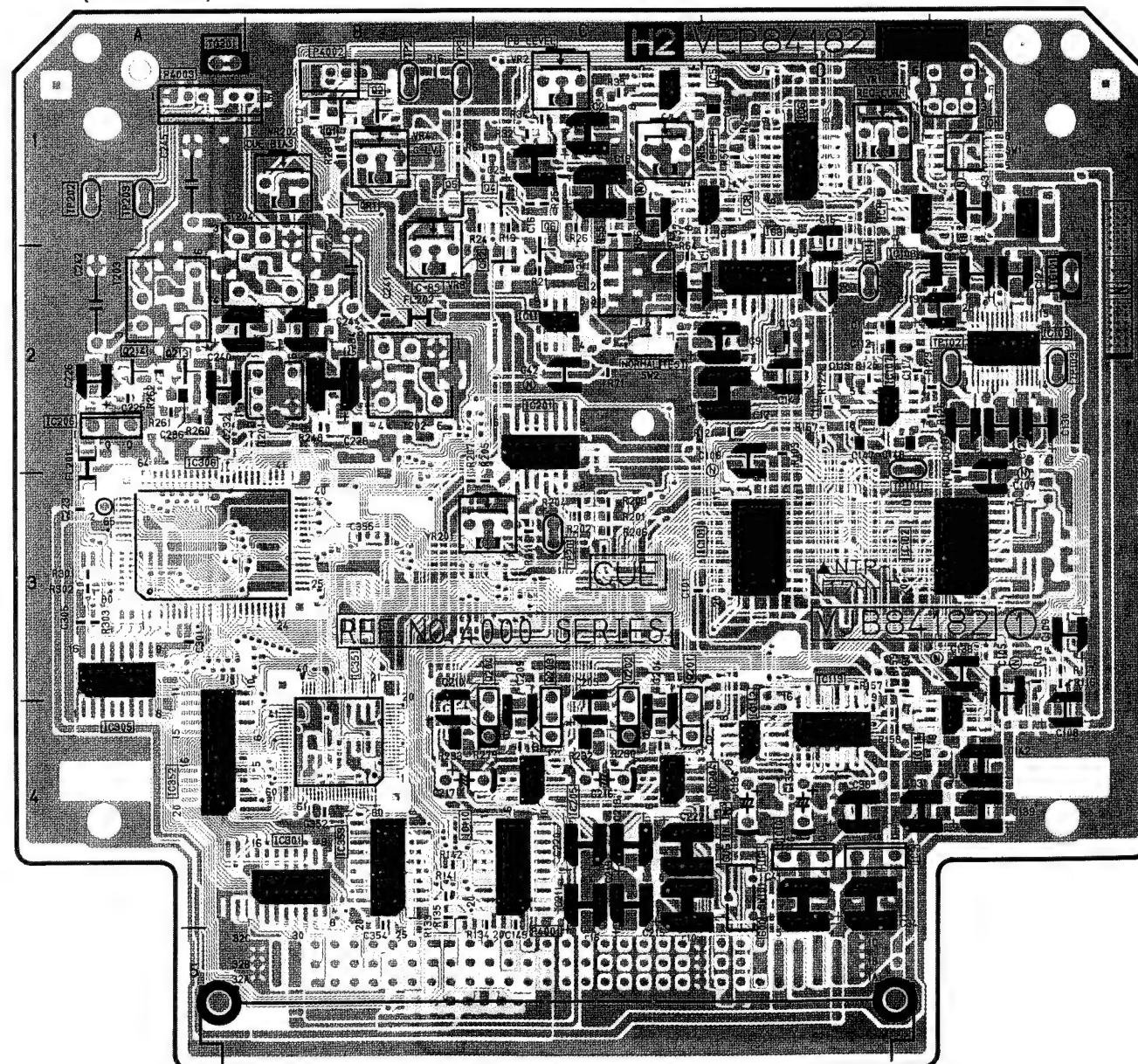
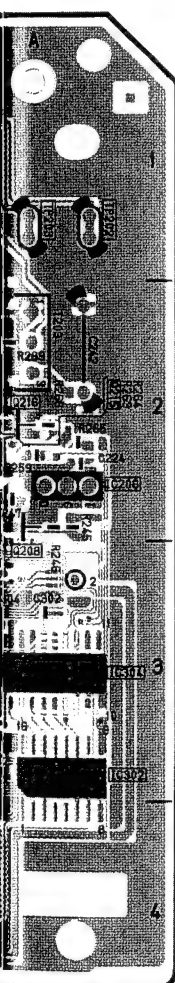


	VR4	B-1
E-1	VR5	C-1
A-1	VR201	B-3
D-2	VR202	B-1
B-1	<b>Connector</b>	
B-1	P4001	C-5
D-2	P4002	B-1
E-2	P4003	A-1
E-2		
C-3		
A-1		
A-1		
D-1		
C-1		
B-2		

CUE / ERASE C.B.A. (COMPONENT SIDE)										
Transistor		Integrated Circuit		IC113		D-3		TP2		Connector
Q1	B-1	IC1	D-1	IC114	D-4	TP3	B-1	TP101	B-1	
Q2	B-1	IC3	D-1	IC201	C-2	TP102	D-2	TP103	E-2	P4001
Q4	C-1	IC5	D-1	IC204	D-4	TP201	E-2	TP202	C-3	P4002
Q5	B-1	IC6	D-1	IC205	C-4	TP203	A-1		A-1	P4003
Q6	C-1	IC8	D-1	IC206	A-2					
Q201	C-3	IC9	D-4	IC301	B-4					
Q202	C-3	IC10	D-4	IC305	A-4					
Q203	C-3	IC11	C-2	IC306	A-2	<b>Adjustment</b>				
Q204	C-3	IC101	C-3	IC351	B-3	VR1	D-1			
Q213	A-2	IC102	D-3	IC352	A-4	VR2	C-1			
Q214	A-2	IC107	D-2	IC353	B-4	VR3	B-2			
<b>Transistor &amp; Resistor</b>		IC108	D-2	<b>Test Point</b>		VR4	B-1			
QR1	B-1	IC109	E-2	TG101	E-2	VR5	C-1			
QR2	C-2	IC110	B-4	TG201	A-1	VR201	B-3			
		IC112	D-4	TP1	D-2	VR202	B-1			

ADDRESS INFORMATION

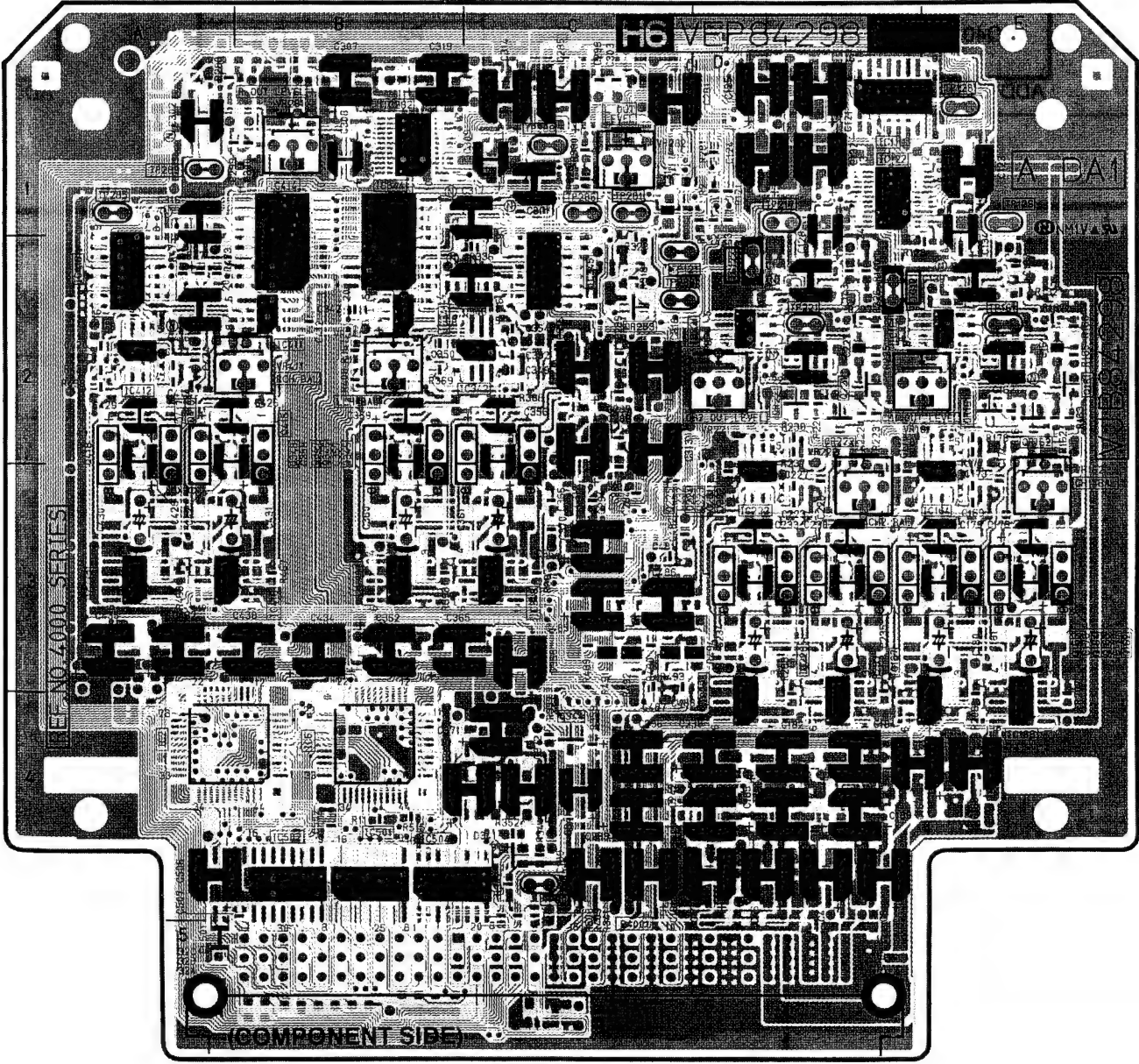
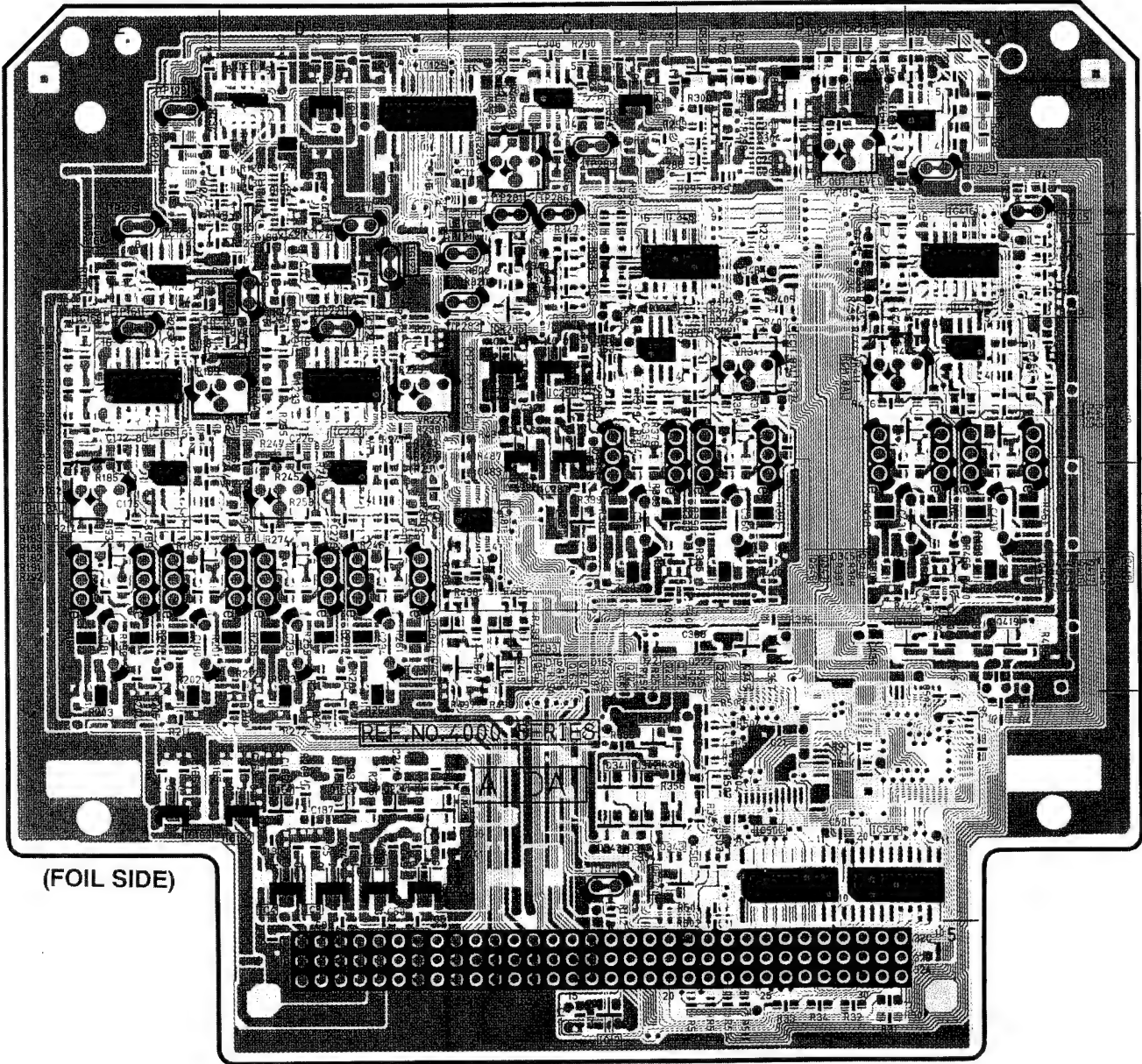
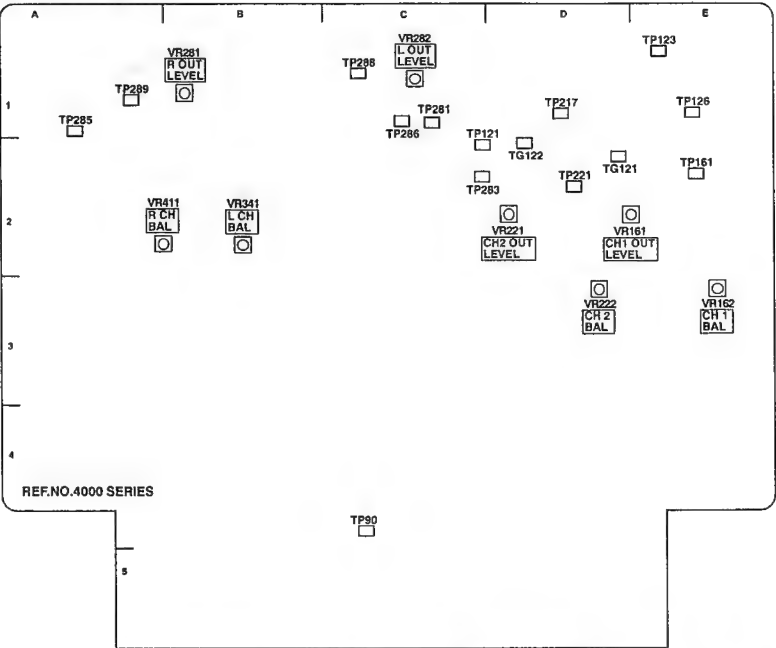
(FOIL SIDE)



Ref. No. 4000 Series

AUDIO D / A 1 C.B.A.

A DA1 C.B.A.



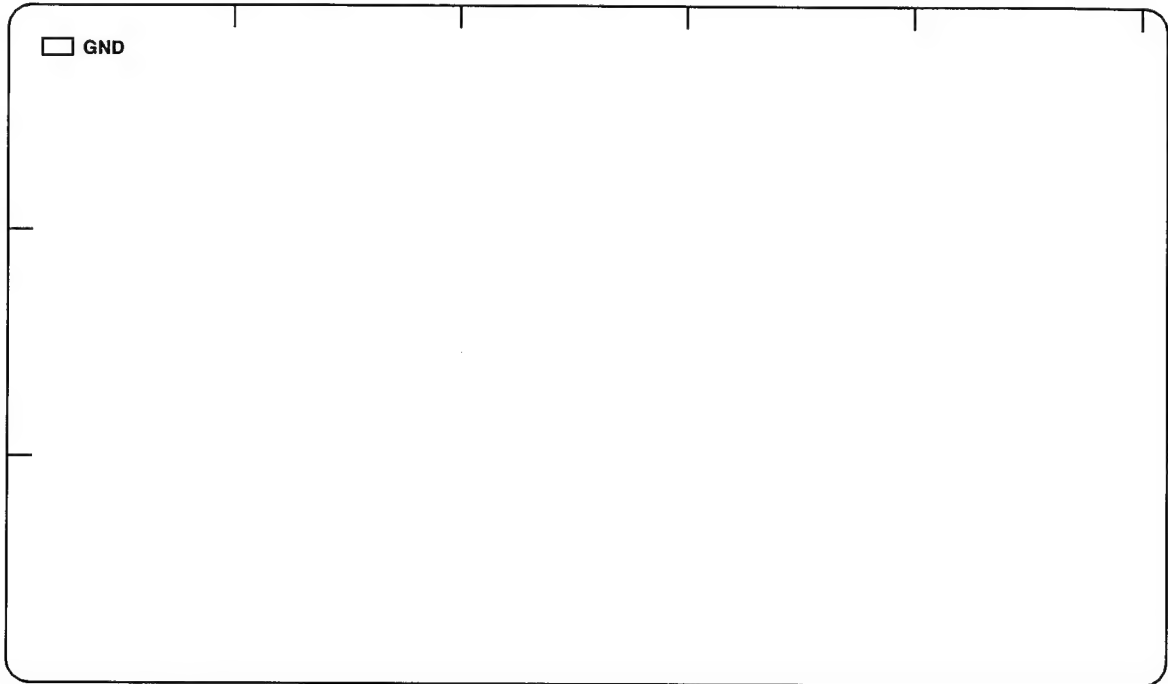


A DA1 C.B.A. (COMPONENT SIDE)				A DA1 C.B.A. (FOIL SIDE)					
<b>Transistor</b>		IC4414	B-1	<b>Transistor</b>		IC4123	E-2		
Q4161	E-2	IC4415	A-2	Q4162	E-3	IC4124	D-2		
Q4162	E-3	IC4417	A-3	Q4163	E-3	IC4125	D-1		
Q4163	E-3	IC4418	A-3	Q4164	E-3	IC4162	D-4		
Q4164	E-3	IC4501	B-4	Q4165	D-3	IC4163	E-4		
Q4165	D-3	IC4502	B-4	Q4166	D-4	IC4165	E-3		
Q4221	D-2	IC4504	B-4	Q4167	D-4	IC4166	E-2		
Q4222	D-3	<b>Test Point</b>		Q4222	D-3	IC4223	D-3		
Q4223	D-3	TP4090	C-4	Q4223	D-3	IC4224	D-2		
Q4224	D-3	TP4121	C-2	Q4224	D-3	IC4281	C-1		
Q4225	D-3	TP4123	E-1	Q4225	D-3	IC4283	C-1		
Q4344	C-4	TP4126	E-1	Q4226	D-4	IC4284	A-1		
Q4345	C-2	TP4126	E-1	Q4227	D-4	IC4287	C-2		
Q4346	C-2	TP4161	E-2	Q4281	A-1	IC4288	C-2		
Q4347	B-2	TP4217	D-1	Q4282	C-2	IC4289	C-2		
Q4348	B-2	TP4221	D-2	Q4341	C-4	IC4290	C-2		
Q4415	B-2	TP4281	C-1	Q4342	C-4	IC4343	C-2		
Q4416	A-2	TP4283	C-2	Q4343	C-4	IC4346	B-2		
Q4417	A-2	TP4285	A-1	Q4345	C-2	IC4413	A-2		
Q4418	A-2	TP4286	C-1	Q4346	C-2	IC4416	A-2		
<b>Transistor &amp; Resistor</b>		TP4288	C-1	Q4347	B-2	IC4481	C-3		
QR4161	E-2	TP4289	A-1	Q4348	B-2	IC4505	B-4		
QR4162	E-2	TG4121	D-2	Q4349	B-3	IC4506	B-4		
QR4221	D-2	TG4122	D-2	Q4350	C-3	<b>Test Point</b>			
QR4222	D-2	<b>Adjustment</b>		Q4415	B-2	TP4090	C-4		
QR4283	C-2	VR4161	D-2	Q4416	A-2	TP4121	C-2		
<b>Integrated Circuit</b>		VR4162	E-3	Q4417	A-2	TP4123	E-1		
IC4002	A-4	VR4221	D-2	Q4418	A-2	TP4126	E-1		
IC4006	B-4	VR4222	D-3	Q4419	A-3	TP4161	E-2		
IC4011	D-1	VR4281	B-1	Q4420	B-3	TP4217	D-1		
IC4122	D-1	VR4282	C-1	Q4483	C-3	TP4221	D-2		
IC4161	E-2	VR4341	B-2	Q4484	D-3	TP4281	C-1		
IC4164	E-3	VR4411	B-2	Q4485	C-3	TP4283	C-2		
IC4167	E-4	<b>Connector</b>		Q4486	C-3	TP4285	A-1		
IC4168	E-4	P4001	C-5	<b>Transistor &amp; Resistor</b>		TP4286	C-1		
IC4221	D-2			QR4121	E-1	TP4288	C-1		
IC4222	D-3			QR4281	B-1	TP4289	A-1		
IC4225	D-4			QR4282	B-1	TG4121	D-2		
IC4226	D-4			QR4284	B-1	TG4122	D-2		
IC4282	B-1			QR4285	C-2	<b>Adjustment</b>			
IC4341	B-2			QR4341	C-4	VR4161	D-2		
IC4342	C-2			QR4342	C-4	VR4162	E-3		
IC4344	B-1			<b>Integrated Circuit</b>		VR4221	D-2		
IC4345	C-2			IC4003	D-4	VR4222	D-3		
IC4347	B-3			IC4004	D-4	VR4281	B-1		
IC4348	C-3			IC4010	D-1	VR4282	C-1		
IC4411	B-2			IC4012	C-5	VR4341	B-2		
IC4412	A-2			IC4043	D-4	VR4411	B-2		
				IC4044	D-4	<b>Connector</b>			
				IC4121	D-1	P4001	C-5		

ADDRESS INFORMATION



HEAD BUFFER 1 C.B.A.



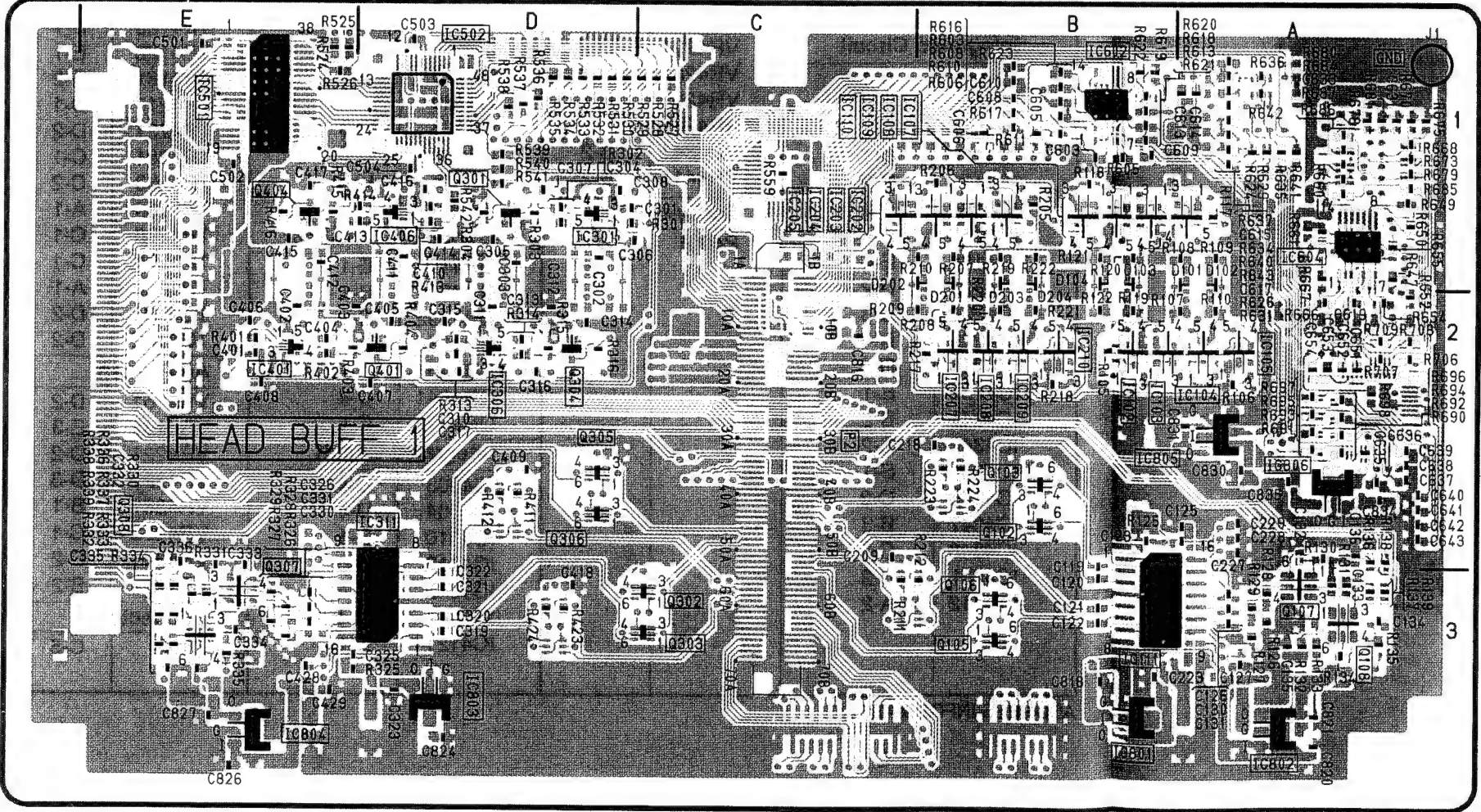
HEAD BUFF 1 C.B.A. (FOIL SIDE)					
Transistor		Integrated Circuit		IC301	
Q102	B-2	IC102	B-2	IC306	D-2
Q103	B-2	IC103	B-2	IC311	D-2
Q105	B-3	IC104	A-2	IC401	E-2
Q106	B-3	IC105	A-2	IC406	D-1
Q107	A-3	IC107	C-1	IC501	E-1
Q108	A-3	IC108	C-1	IC502	D-1
Q301	D-1	IC109	C-1	IC602	B-1
Q302	C-3	IC110	C-1	IC604	A-1
Q303	C-3	IC111	B-3	IC801	B-3
Q304	D-2	IC202	C-1	IC802	A-3
Q305	D-2	IC203	C-1	IC803	D-3
Q306	D-2	IC204	C-1	IC804	E-3
Q307	E-3	IC205	C-1	IC805	B-2
Q308	E-2	IC207	B-2	IC806	A-2
Q401	D-2	IC208	B-2	Connector	
Q404	E-1	IC209	B-2		
		IC210	B-2	P2	C-2

ADDRESS INFORMATION

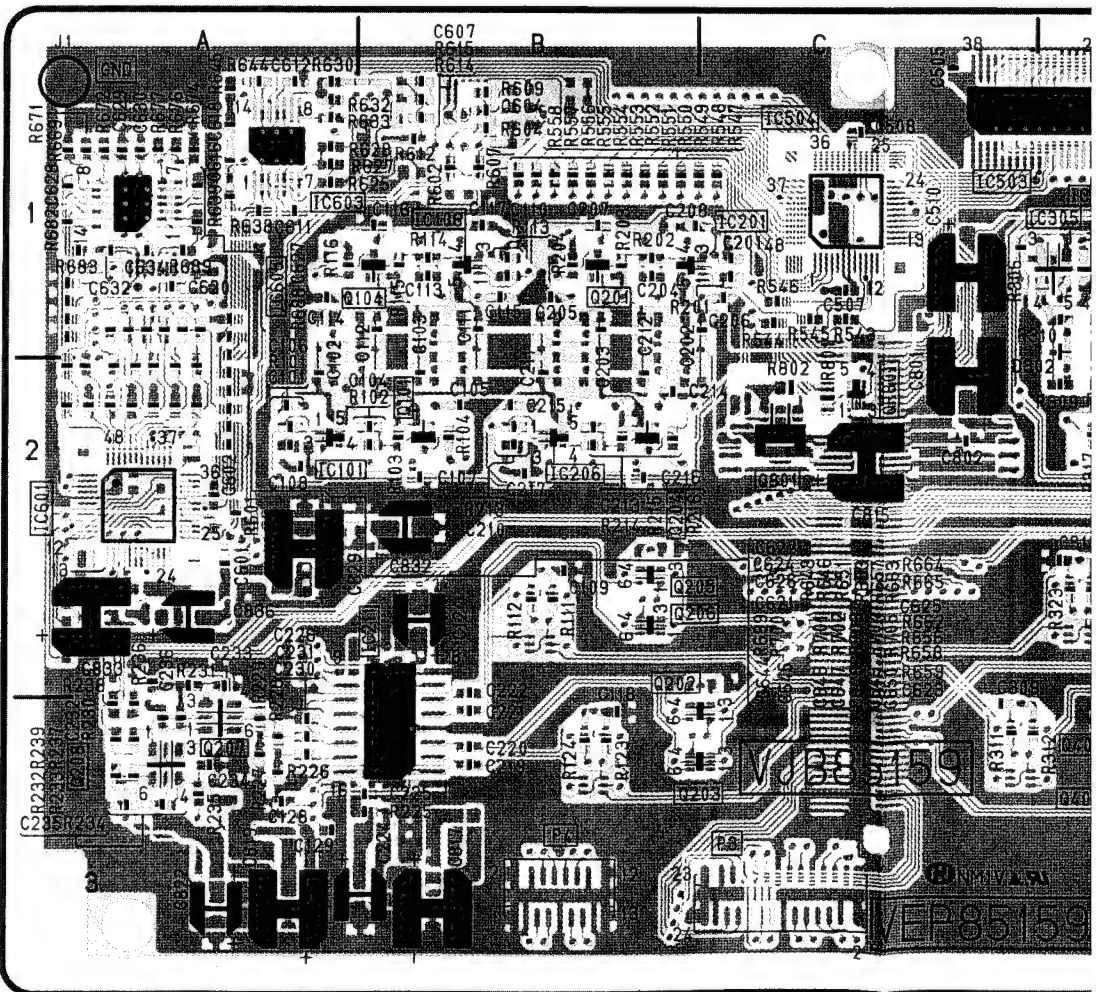
HEAD	
Transistor	
Q81	C-2
Q101	B-2
Q104	B-1
Q201	B-1
Q202	C-3
Q203	C-3
Q204	B-2
Q205	B-2
Q206	B-2
Q207	A-3
Q208	A-3
Q402	D-2
Q403	D-2
Q405	D-3
Q406	D-3
Q407	E-3
Q408	E-3

ADDRESS INFORMATION

(FOIL SIDE)



(COMPONENT SIDE)





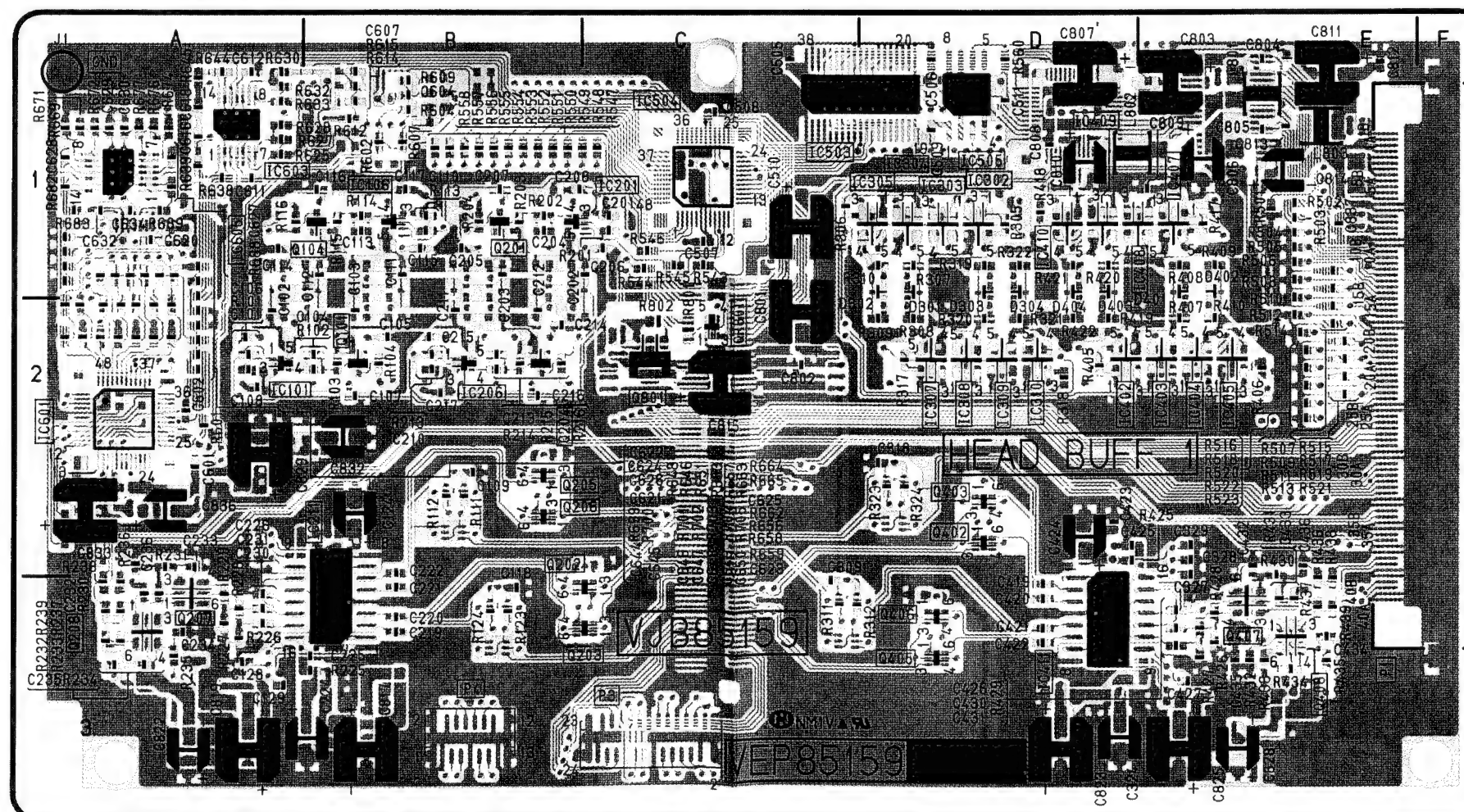
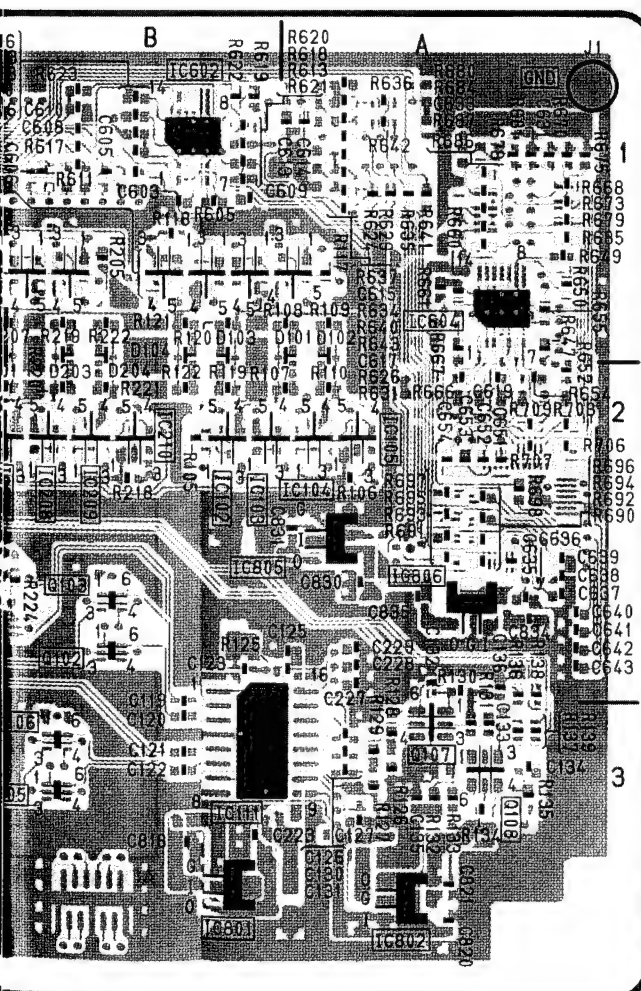
HEAD BUFF 1 C.B.A. (FOIL SIDE)					
Transistor		Integrated Circuit			
Q102	B-2	IC102	B-2	IC301	D-1
Q103	B-2	IC103	B-2	IC306	D-2
Q105	B-3	IC104	A-2	IC311	D-2
Q106	B-3	IC105	A-2	IC401	E-2
Q107	A-3	IC107	C-1	IC406	D-1
Q108	A-3	IC108	C-1	IC501	E-1
Q301	D-1	IC109	C-1	IC502	D-1
Q302	C-3	IC110	C-1	IC602	B-1
Q303	C-3	IC111	B-3	IC604	A-1
Q304	D-2	IC202	C-1	IC801	B-3
Q305	D-2	IC203	C-1	IC802	A-3
Q306	D-2	IC204	C-1	IC803	D-3
Q307	E-3	IC205	C-1	IC804	E-3
Q308	E-2	IC207	B-2	IC805	B-2
Q401	D-2	IC208	B-2	IC806	A-2
Q404	E-1	IC209	B-2	Connector	
		IC210	B-2	P2	C-2

ADDRESS INFORMATION

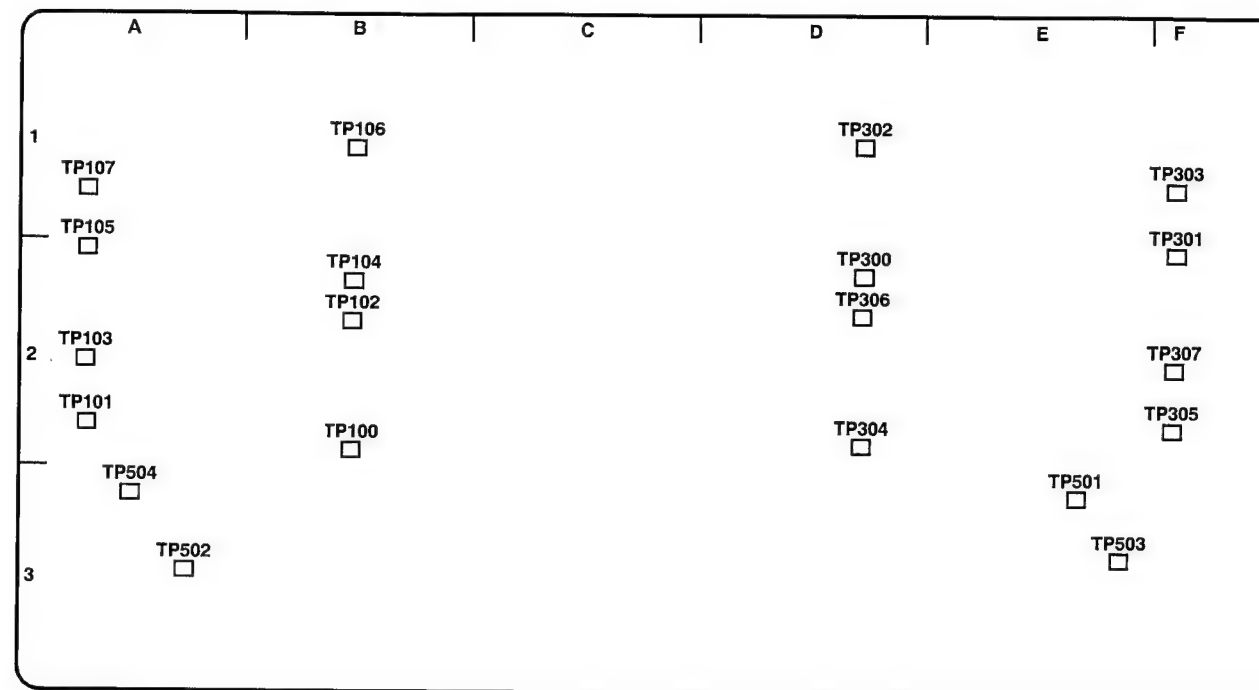
HEAD BUFF 1 C.B.A. (COMPONENT SIDE)					
Transistor		Transistor & Resistor			
Q81	C-2	QR801	C-2	IC404	E-2
Q101	B-2	Integrated Circuit		IC405	E-2
Q104	B-1	IC101	A-2	IC407	E-1
Q201	B-1	IC106	B-1	IC408	D-1
Q202	C-3	IC201	C-1	IC409	D-1
Q203	C-3	IC206	B-2	IC410	D-1
Q204	B-2	IC211	B-2	IC411	D-3
Q205	B-2	IC302	D-1	IC503	C-1
Q206	B-2	IC303	D-1	IC504	C-1
Q207	A-3	IC304	D-1	IC601	A-2
Q208	A-3	IC305	D-1	IC603	A-1
Q402	D-2	IC307	D-2	IC605	A-1
Q403	D-2	IC308	D-2	Connector	
Q405	D-3	IC309	D-2	P1	E-3
Q406	D-3	IC310	D-2	P3	C-3
Q407	E-3	IC402	D-2	P4	B-3
Q408	E-3	IC403	E-2		

ADDRESS INFORMATION

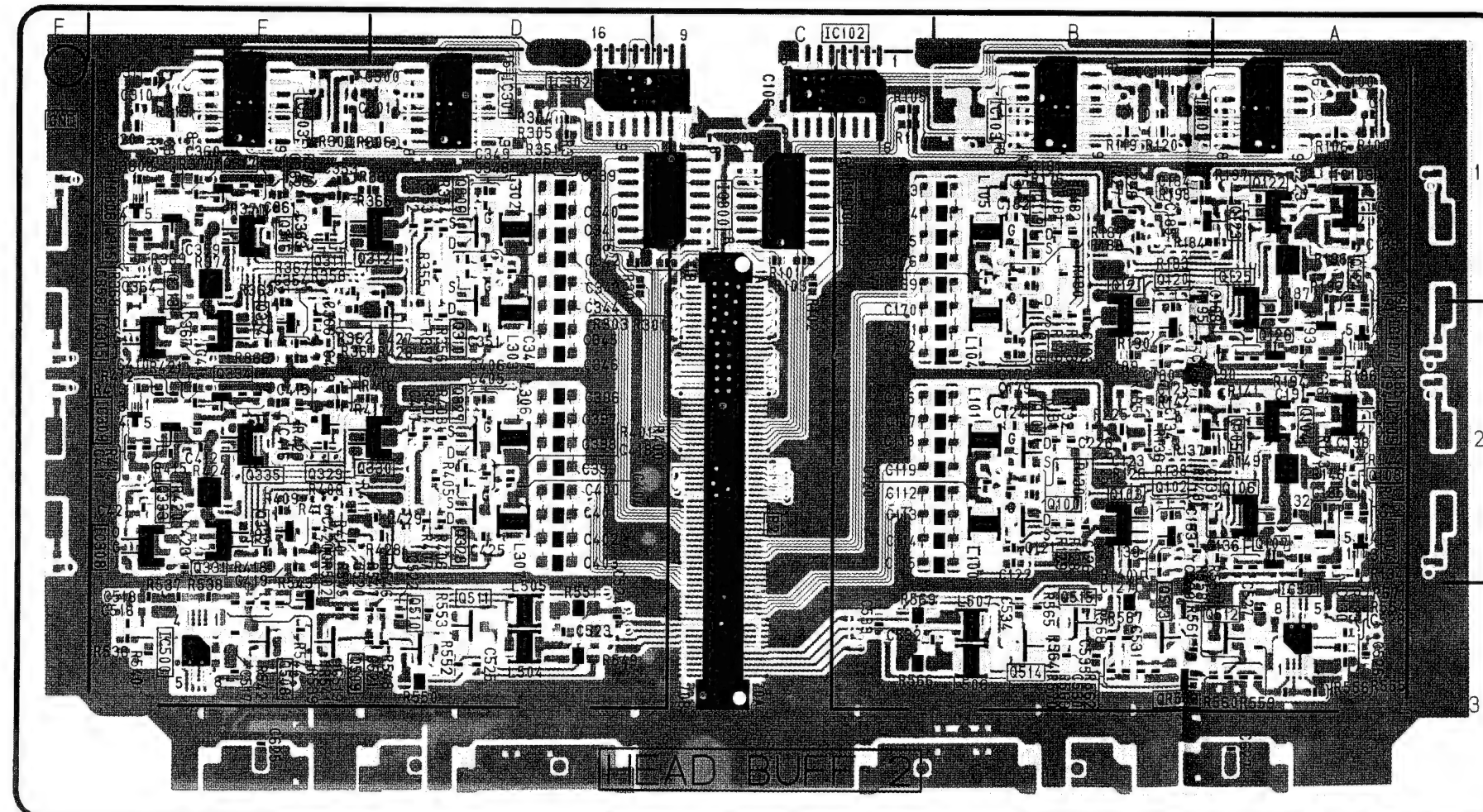
(COMPONENT SIDE)



# HEAD BUFFER 2 C.B.A.



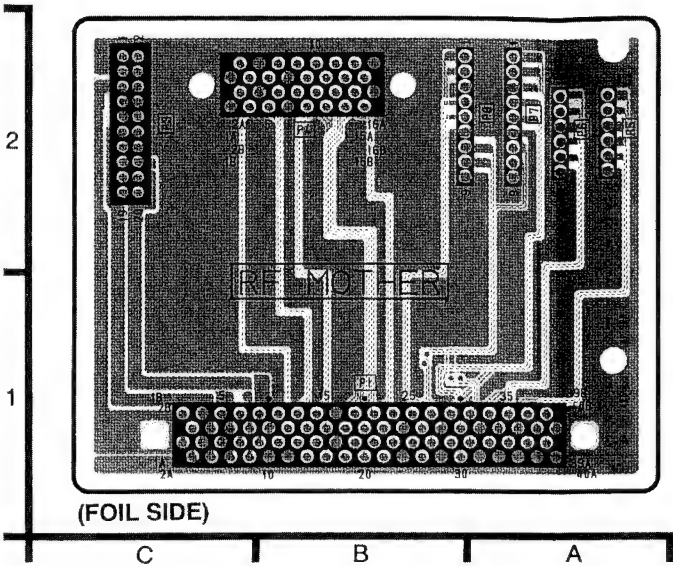
(FOIL SIDE)





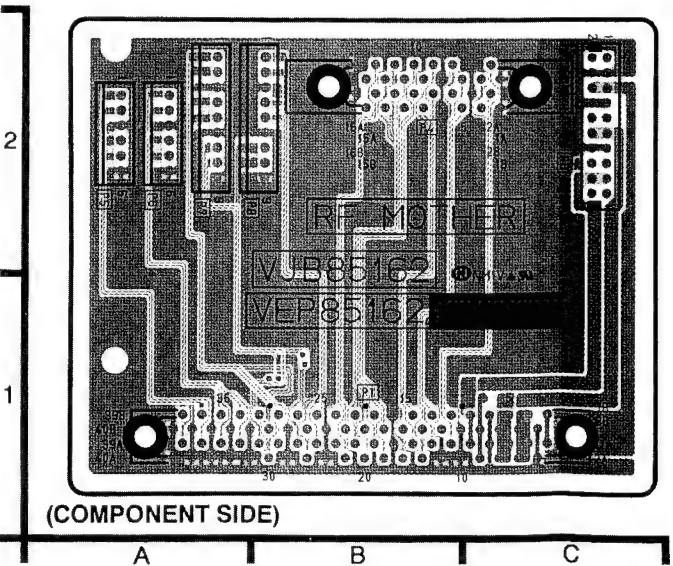


RF MOTHER C.B.A.



RF MOTHER C.B.A. (FOIL SIDE)	
Connector	
P1	B-1
P3	C-2
P4	B-2
P5	A-2
P6	A-2
P7	A-2
P8	A-2

ADDRESS INFORMATION



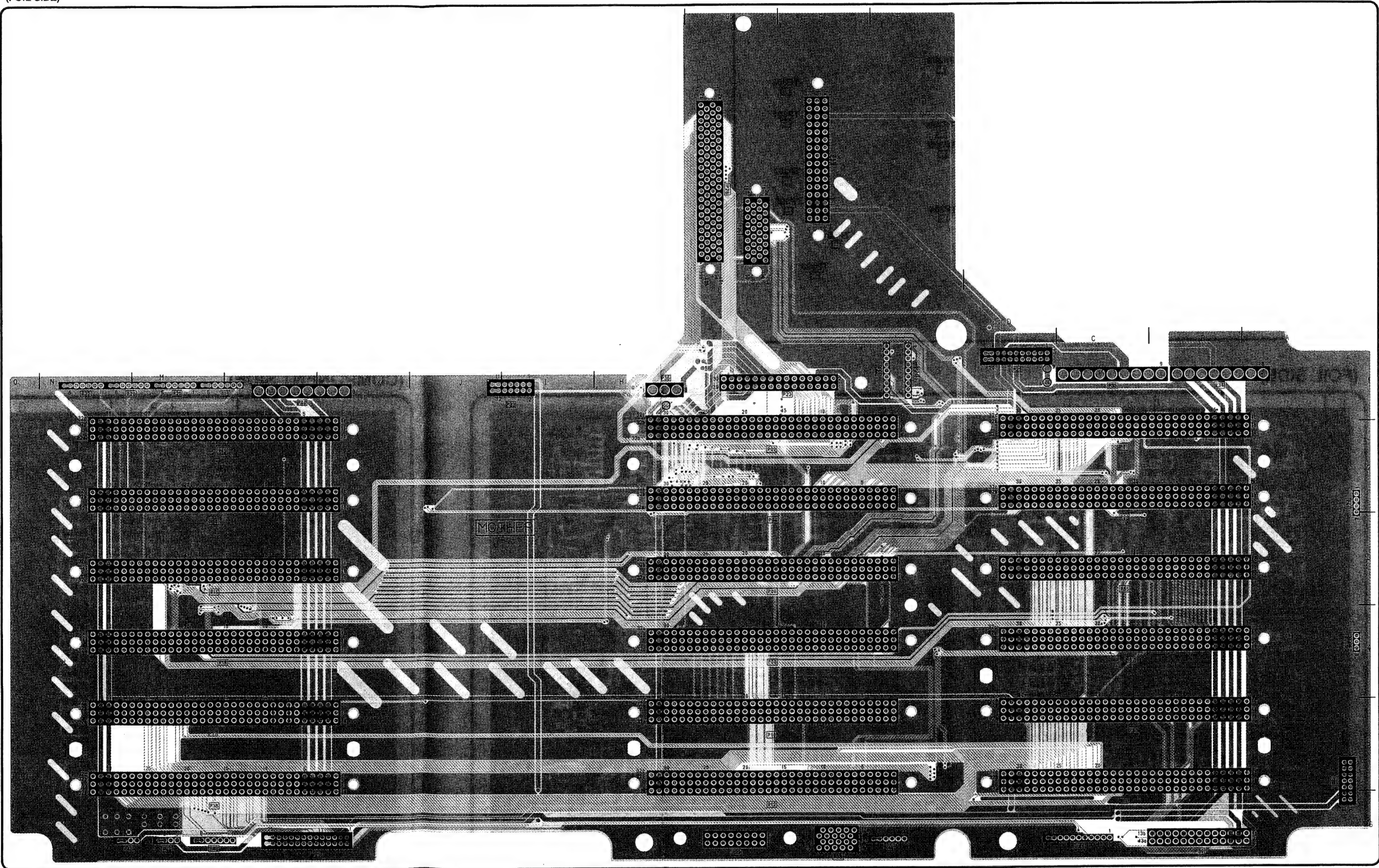
RF MOTHER C.B.A. (COMPONENT SIDE)	
Connector	
P1	B-1
P3	C-2
P4	B-2
P5	A-2
P6	A-2
P7	A-2
P8	A-2

ADDRESS INFORMATION



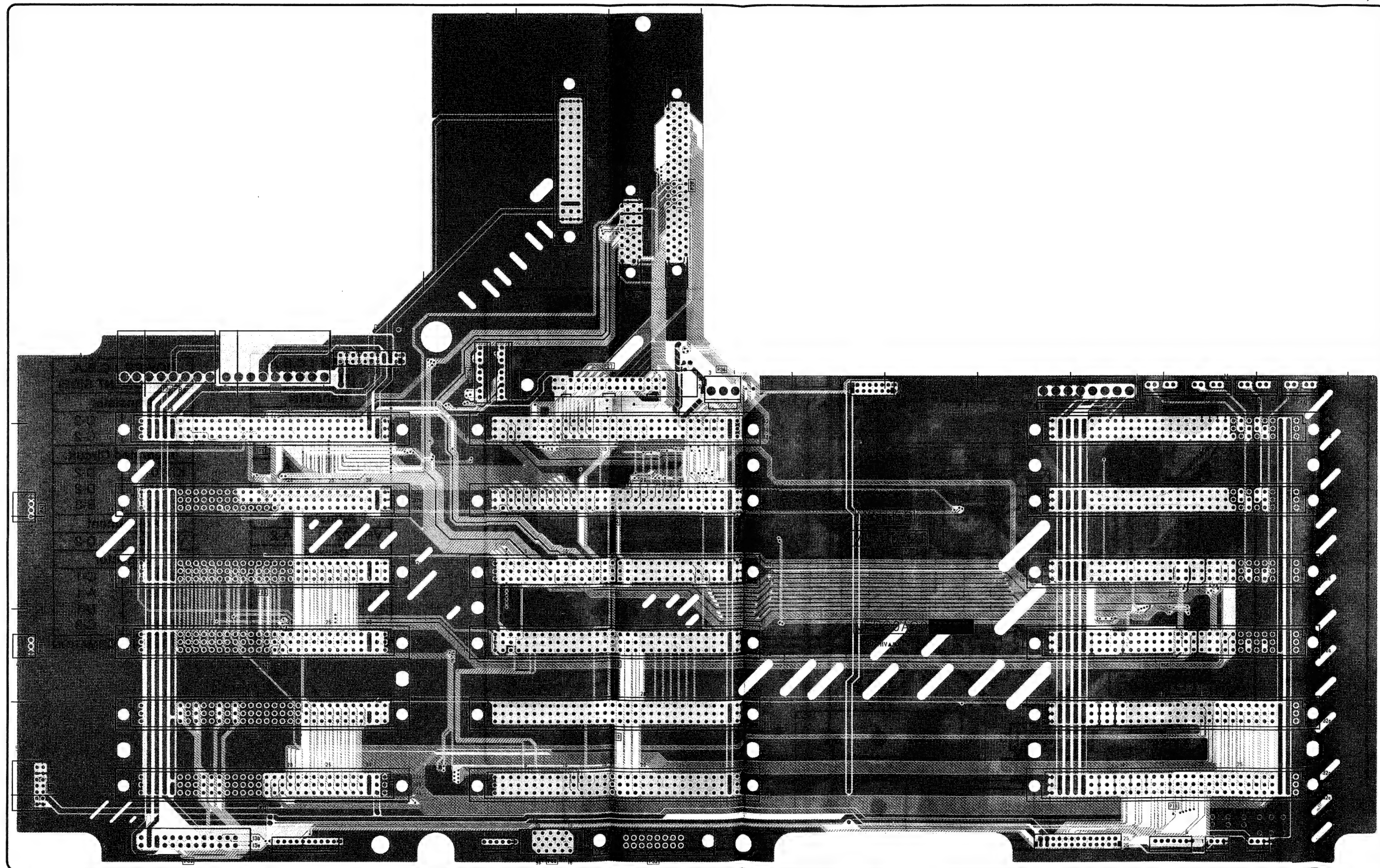
VTR MOTHER C.B.A.

(FOIL SIDE)





(COMPONENT SIDE)



VTR MOTHER C.B.A. (COMPONENT SIDE)							
Connector							
P01	C-2	P13	M-1	P25	D-1	P37	A-4
P02	G-2	P14	M-2	P26	G-1	P38	F-6
P03	C2	P15	M-3	P27	F-1	P39	F-1
P04	G-2	P16	M-4	P28	G-1	P40	L-1
P05	C-3	P17	M-5	P29	L-6	P41	A-2
P06	G-3	P18	M-5	P30	B-6	P42	E-6
P07	C-4	P19	M-1	P31	A-5	P43	M-6
P08	G-4	P20	M-1	P32	G-6	P44	M-6
P09	C-5	P21	M-1	P33	I-1	P45	C-6
P10	G-5	P22	N-1	P34	B-1	P46	M-6
P11	C-5	P23	E-1	P35	C-1		
P12	G-5	P24	E-1	P36	H-1		

ADDRESS INFORMATION

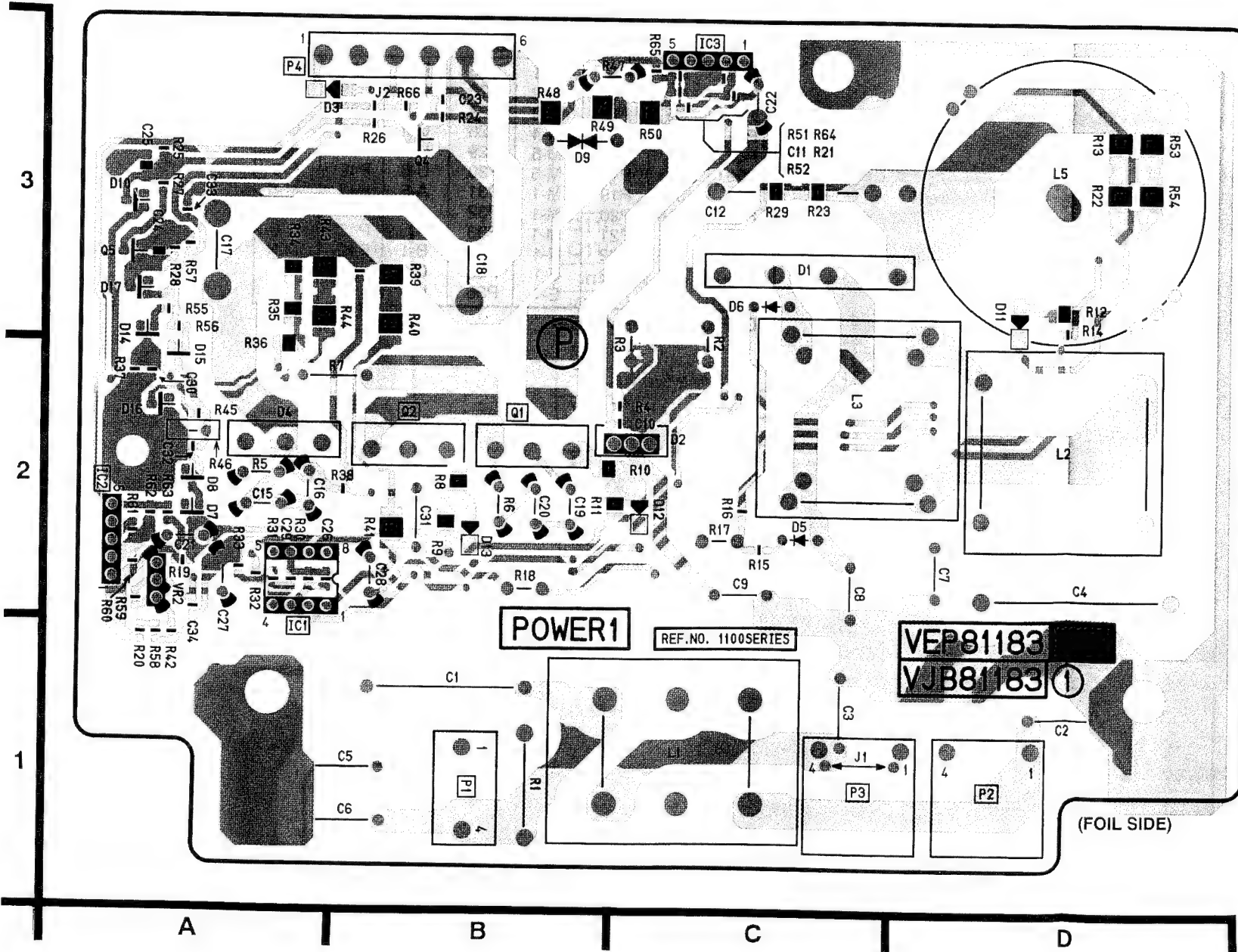
MOTHER C.B.A. (FOIL SIDE)							
Connector							
P01	C-2	P13	M-1	P25	D-1	P37	A-4
P02	G-2	P14	M-2	P26	G-1	P38	F-6
P03	C2	P15	M-3	P27	F-1	P39	F-1
P04	G-2	P16	M-4	P28	G-1	P40	L-1
P05	C-3	P17	M-5	P29	L-6	P41	A-2
P06	G-3	P18	M-5	P30	B-6	P42	E-6
P07	C-4	P19	M-1	P31	A-5	P43	M-6
P08	G-4	P20	M-1	P32	G-6	P44	M-6
P09	C-5	P21	M-1	P33	I-1	P45	C-6
P10	G-5	P22	N-1	P34	B-1	P46	M-6
P11	C-5	P23	E-1	P35	C-1		
P12	G-5	P24	E-1	P36	H-1		

ADDRESS INFORMATION

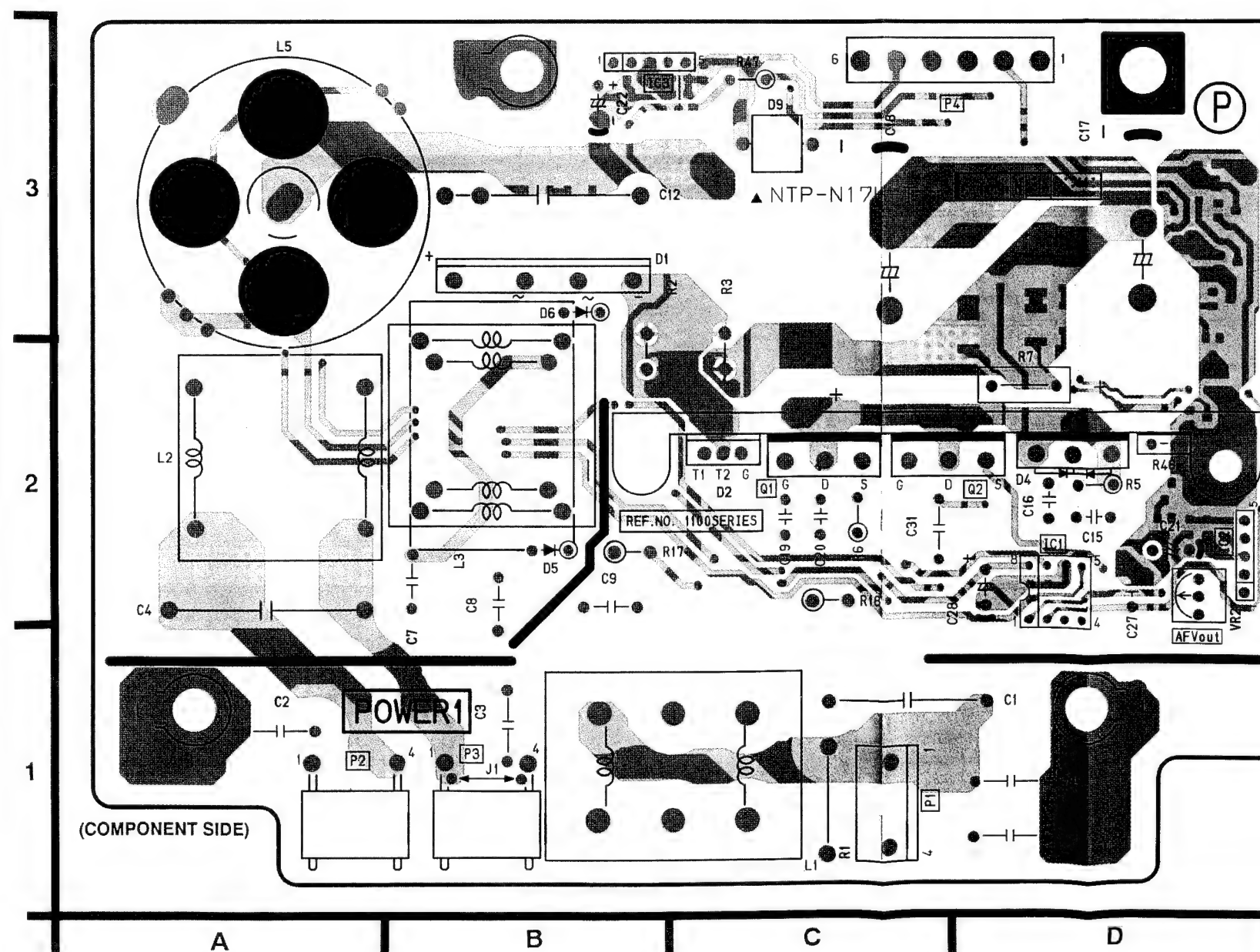
# POWER 1 C.B.A.

## IMPORTANT SAFETY NOTICE :

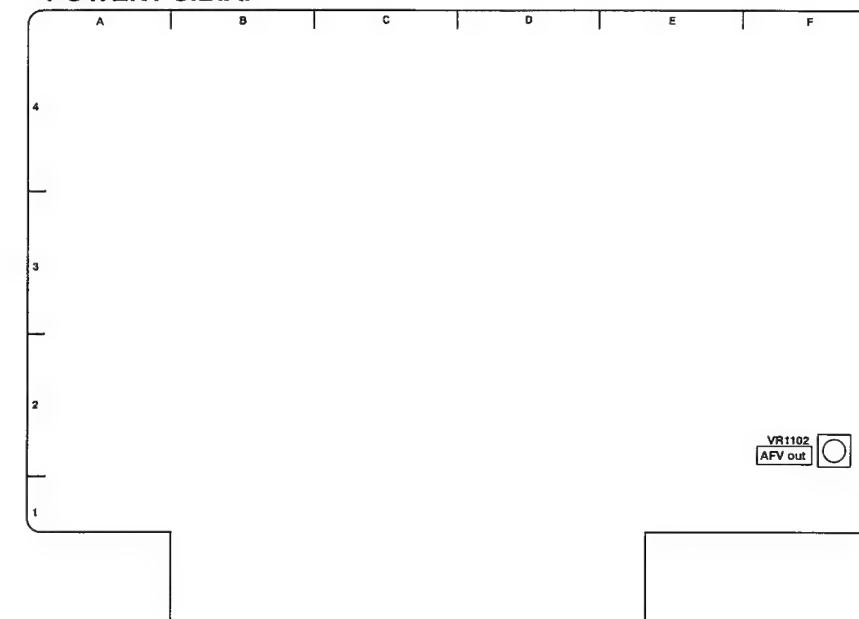
COMPONENTS IDENTIFIED WITH THE MARK  HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE







POWER1 C.B.A.



POWER 1 C.B.A. (FOIL SIDE)	
Transister	
Q1101	B-2
Q1102	B-2
Integrated Circuit	
IC1101	A-2
IC1102	A-2
IC1103	C-3
Adjustment	
VR1102	A-2
Conector	
P1101	B-1
P1102	D-1
P1103	C-1
P1104	B-3


ADDRESS INFORMATION

POWER 1 C.B.A. (COMPONENT SIDE)	
Transister	
Q1101	C-2
Q1102	C-2
Integrated Circuit	
IC1101	D-2
IC1102	D-2
IC1103	B-3
Adjustment	
VR1102	D-2
Conector	
P1101	C-1
P1102	A-1
P1103	B-1
P1104	C-3

ADDRESS INFORMATION

## POWER 2 C.B.A.

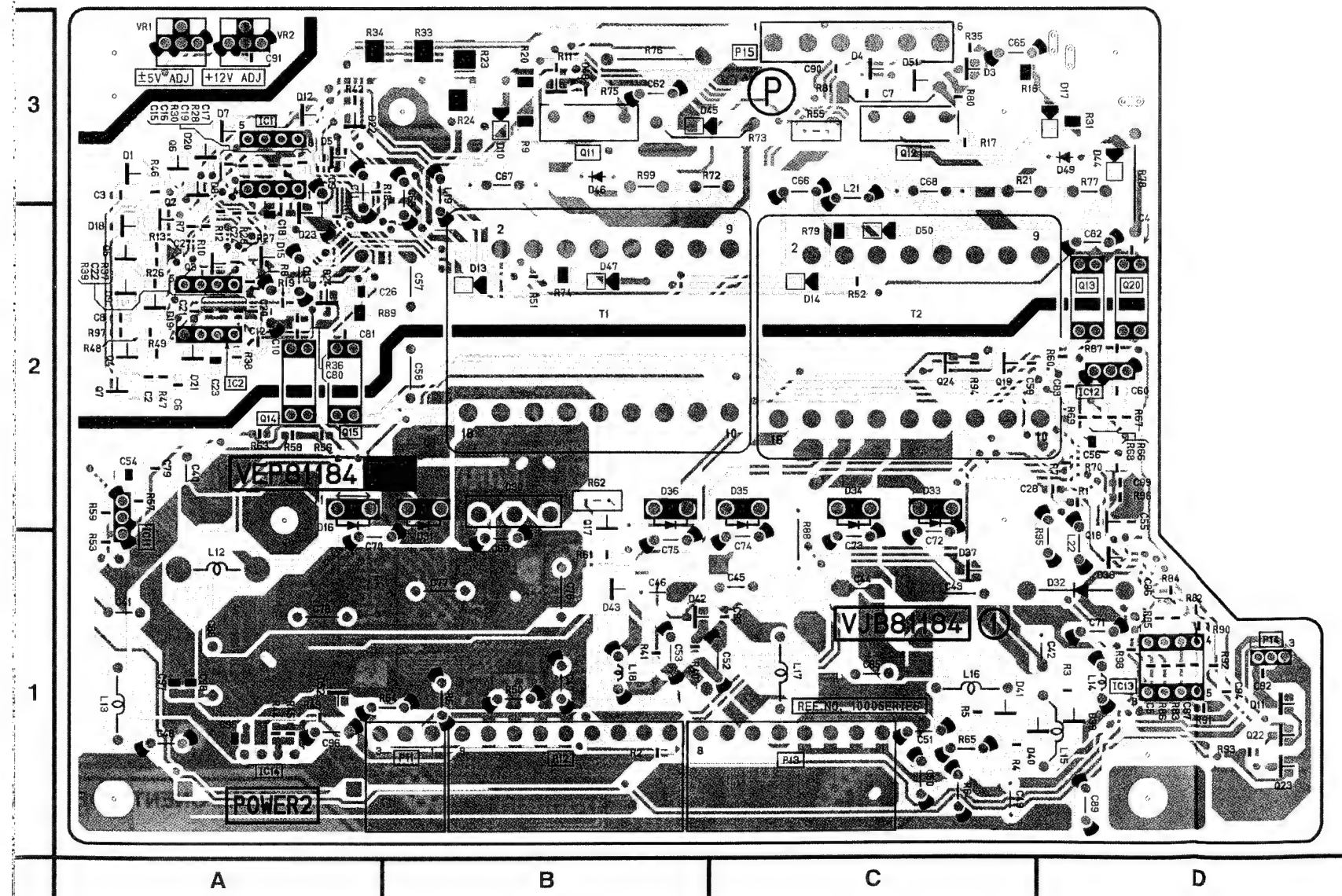
### CAUTION

THE  MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.  
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

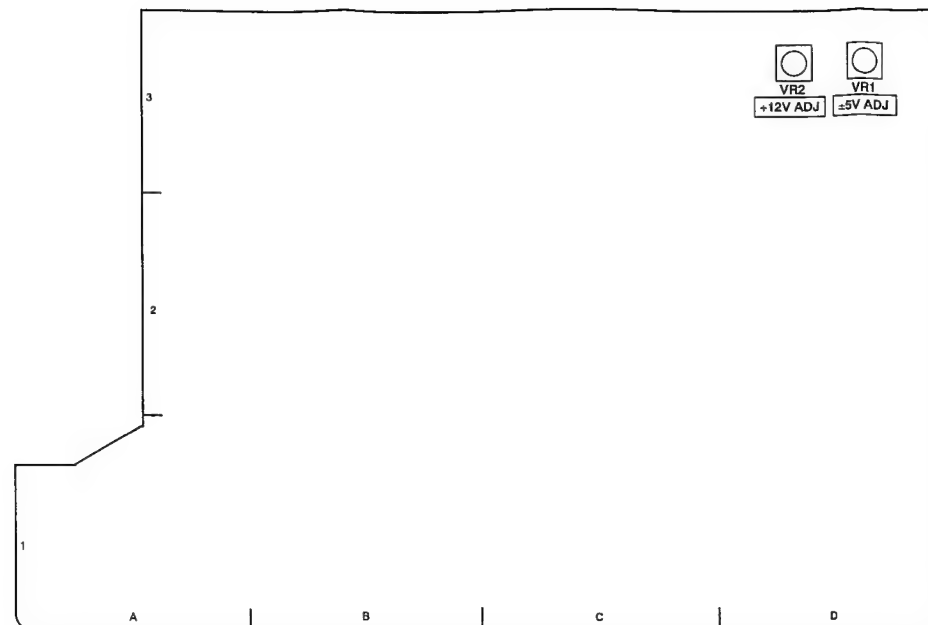
**IMPORTANT SAFETY NOTICE :**

COMPONENTS IDENTIFIED WITH THE MARK  HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

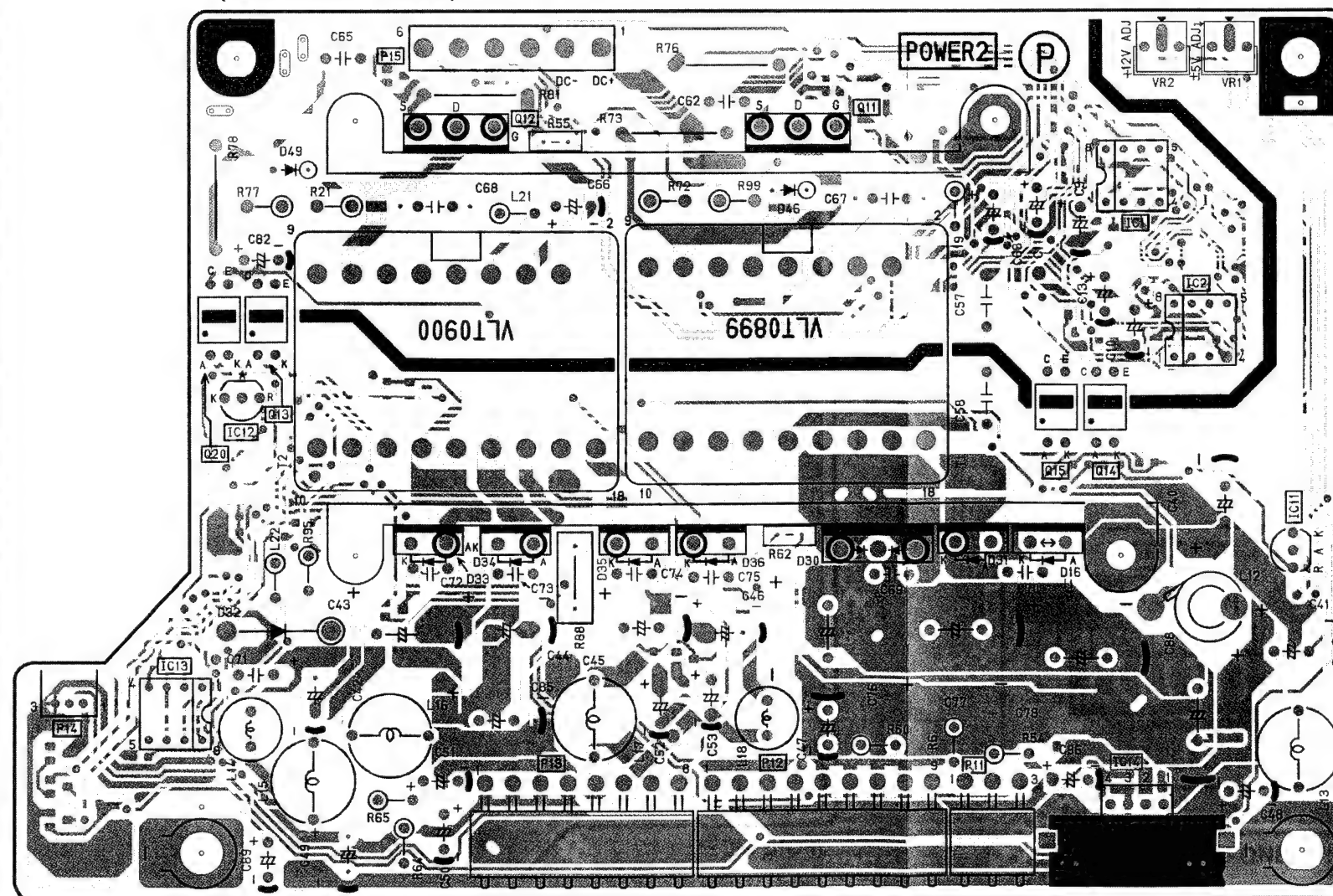
(FOIL SIDE)







(COMPONENT SIDE)



**POWER 2 C.B.A.  
(FOIL SIDE)**

Transister		IC13	D-1
Q11	B-3	IC14	A-1
Q12	C-3	Adjustment	
Q13	D-2	VR1	A-3
Q14	A-2	VR2	A-3
Q15	A-2	Conector	
Q20	D-2	P11	B-1
Integrated Circuit		P12	B-1
IC1	A-3	P13	C-1
IC2	A-2	P14	D-1
IC11	A-2	P15	C-3
IC12	D-2		

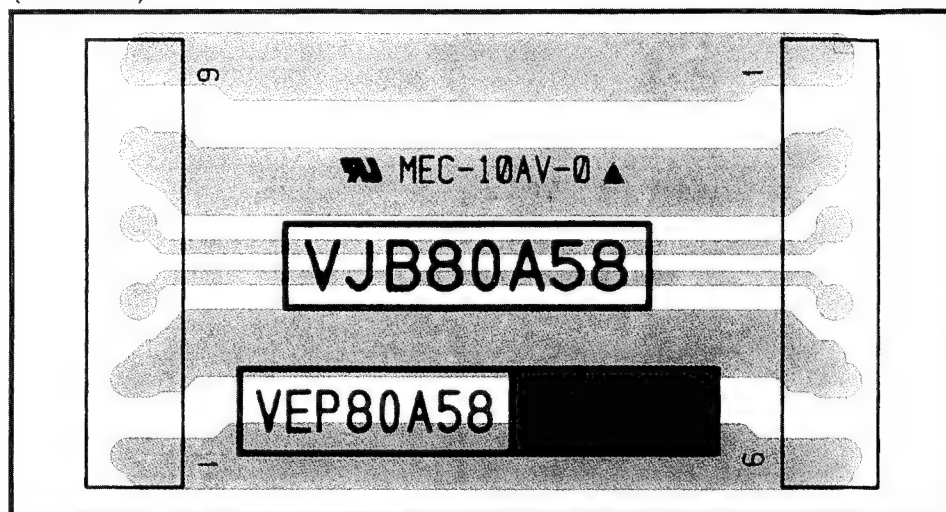
ADDRESS INFORMATION

**POWER 2 C.B.A.  
(COMPONENT SIDE)**

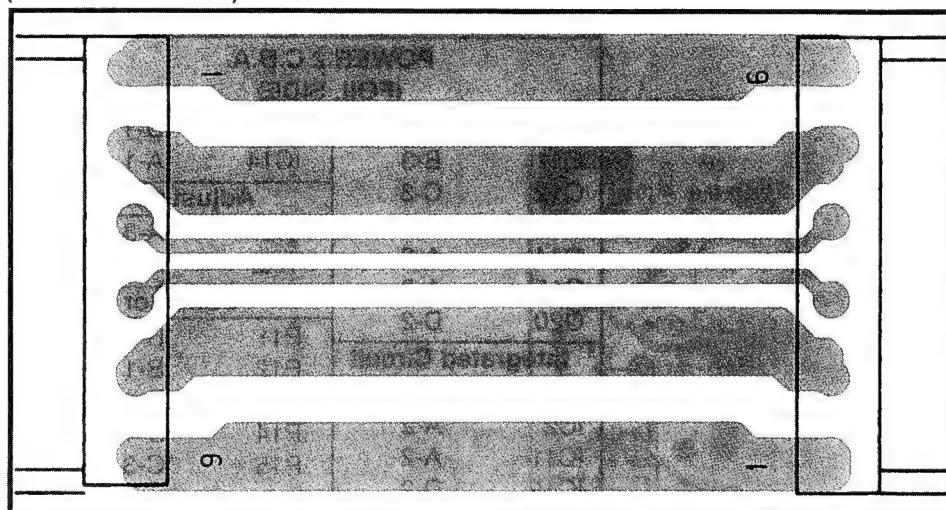
Transister		IC13	A-1
Q11	C-3	IC14	D-1
Q12	B-3	Adjustment	
Q13	A-2	VR1	D-3
Q14	D-2	VR2	D-3
Q15	D-2	Conector	
Q20	A-2	P11	C-1
Integrated Circuit		P12	C-1
IC1	D-3	P13	B-1
IC2	D-2	P14	A-1
IC11	D-2	P15	B-3
IC12	A-2		

ADDRESS INFORMATION

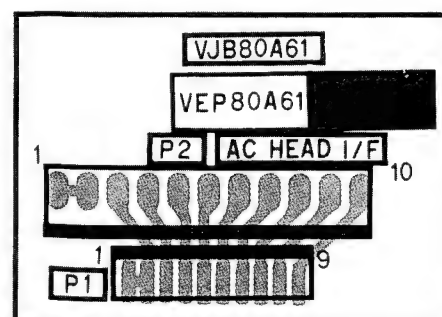
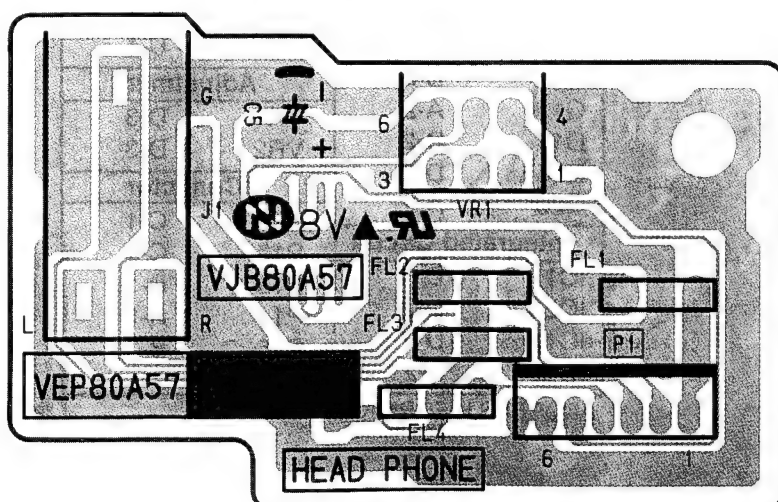
(FOIL SIDE)



(COMPONENT SIDE)

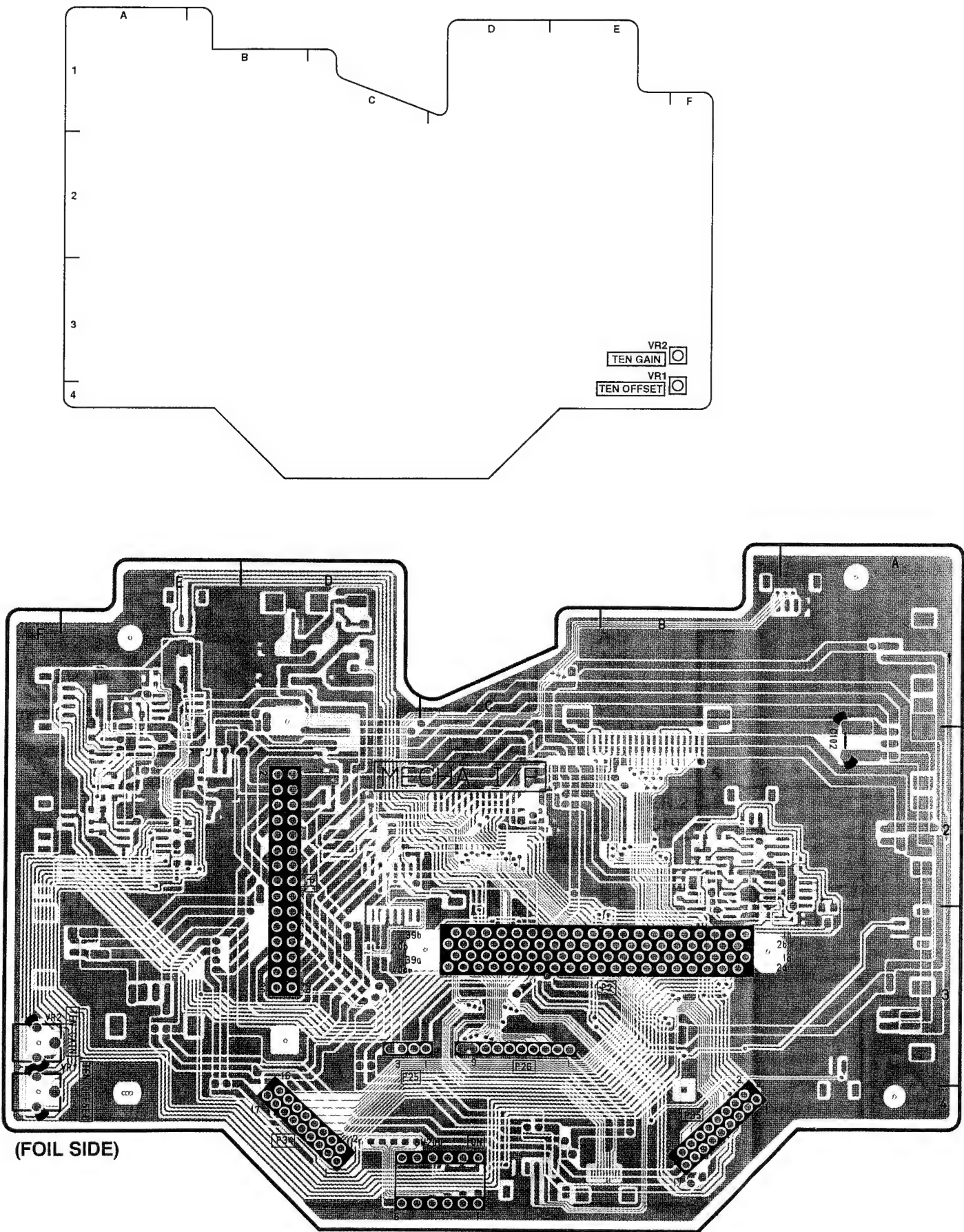


## AC HEAD INTERFACE C.B.A.





MECHANISM INTERFACE C.B.A.

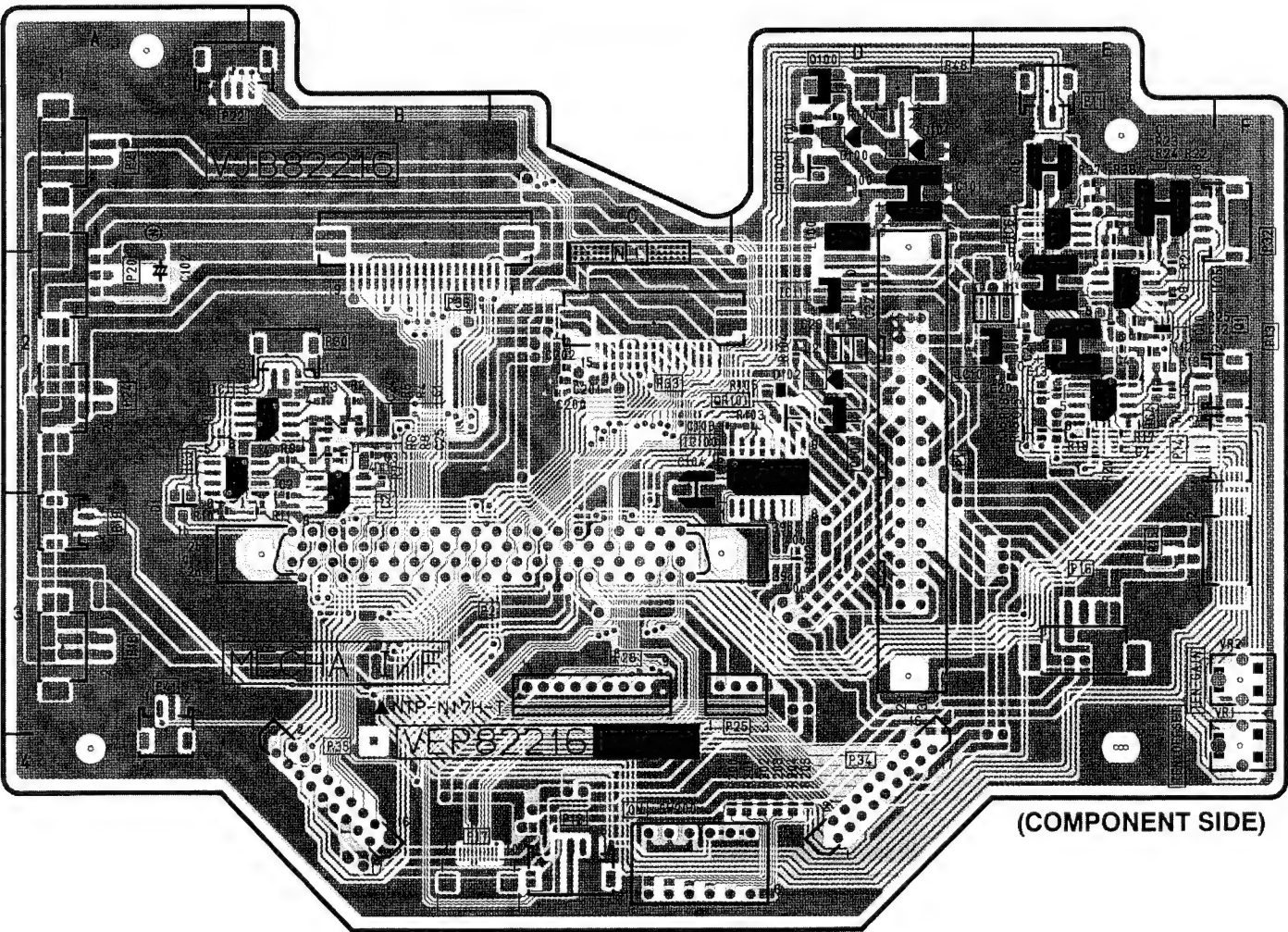


MECHANISM INTERFACE C.B.A. (FOIL SIDE)	
Adjustment	
VR1	F-4
VR2	F-3
Connector	
P1	D-2
P2	B-3
P25	D-3
P26	C-3
P34	D-4
P35	B-4

ADDRESS INFORMATION

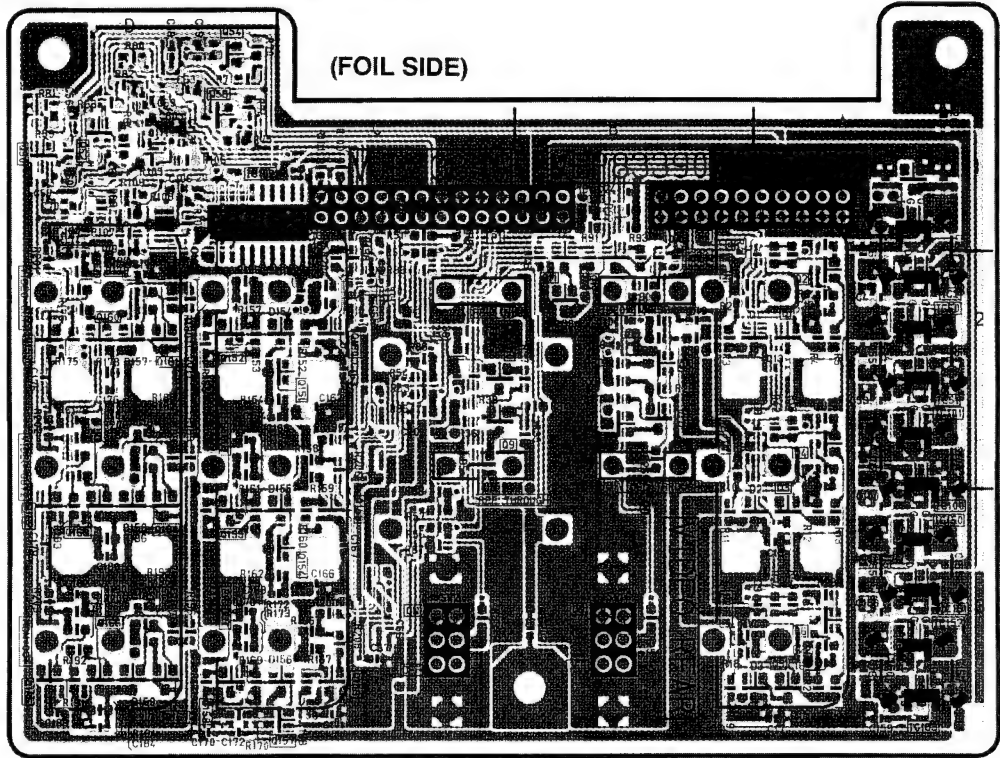
MECHANISM INTERFACE C.B.A. (COMPONENT SIDE)			
Transistor		P11	E-1
Q1	F-2	P12	C-4
Q100	D-1	P13	F-2
Q101	D-2	P14	E-2
Transistor & Resistor		P15	E-3
QR100	D-1	P16	E-3
QR101	D-2	P17	B-4
Integrated Circuit		P18	A-3
IC1	A-2	P19	A-3
IC2	B-3	P20	A-2
IC3	A-2	P21	A-1
IC4	E-2	P22	A-1
IC5	F-2	P24	A-2
IC6	E-1	P25	D-3
IC10	E-2	P26	C-3
IC11	D-2	P30	B-2
IC100	C-2	P32	F-1
Adjustment		P33	C-2
VR1	F-3	P34	D-4
VR2	F-3	P35	B-4
Connector		P36	B-2
P1	D-2	P41	A-3
P2	B-3	P48	D-1

ADDRESS INFORMATION

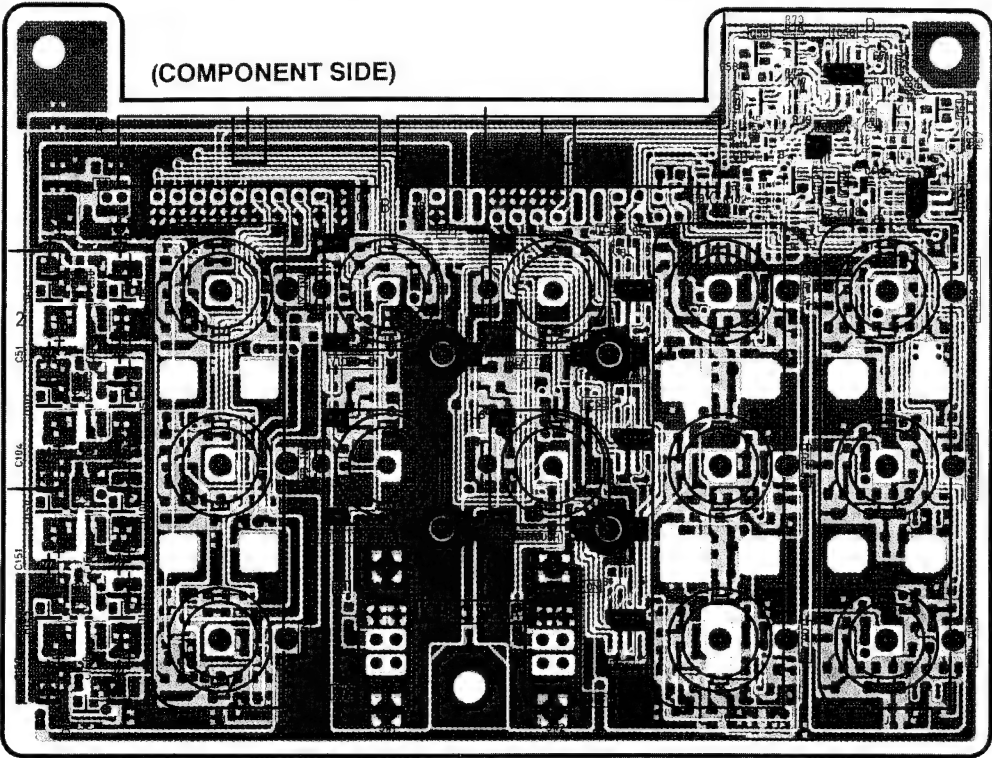


VIDEO REAR C.B.A.

(FOIL SIDE)



(COMPONENT SIDE)

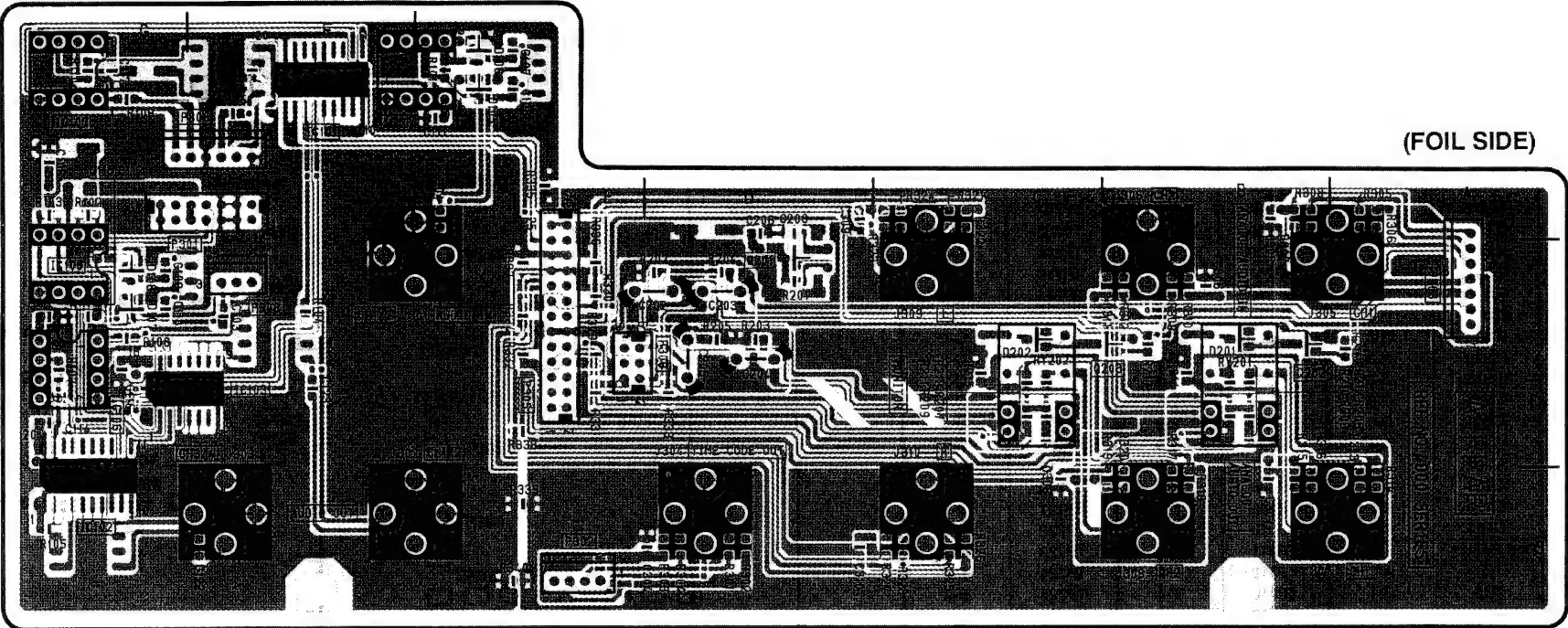


VIDEO REAR C.B.A. (COMPONENT SIDE)				VIDEO REAR C.B.A. (FOIL SIDE)									
Transistor		IC53	C-2	Transistor		Q10	C-2	Q153	C-3	Q163	D-3	IC100	A-2
Q51	D-1	IC54	C-3	Q1	A-2	Q11	B-2	Q154	C-3	Q164	D-3	IC101	A-2
Q53	D-1	IC55	D-1	Q2	A-2	Q12	B-2	Q155	D-3	Q165	D-3	IC102	D-1
Q55	D-1	IC56	D-1	Q3	A-3	Q50	D-1	Q156	C-3	Q166	D-3	IC150	A-3
Q57	D-1	IC103	D-1	Q4	A-2	Q52	D-1	Q157	C-3	Q167	D-3	IC151	A-3
Q100	D-1	Connector		Q5	A-3	Q54	D-1	Q158	D-3	Integrated Circuit		IC152	A-3
Q101	D-1	P1	C-1	Q6	A-3	Q56	D-1	Q159	D-2	IC1	A-1	IC153	A-3
Integrated Circuit		P2	A-1	Q7	B-2	Q150	C-2	Q160	D-2	IC2	A-2	Connector	
IC52	C-2			Q8	B-2	Q151	C-2	Q161	D-2	IC50	A-2	P1	C-1
				Q9	C-2	Q152	D-2	Q162	D-3	IC51	A-2	P2	B-1

ADDRESS INFORMATION

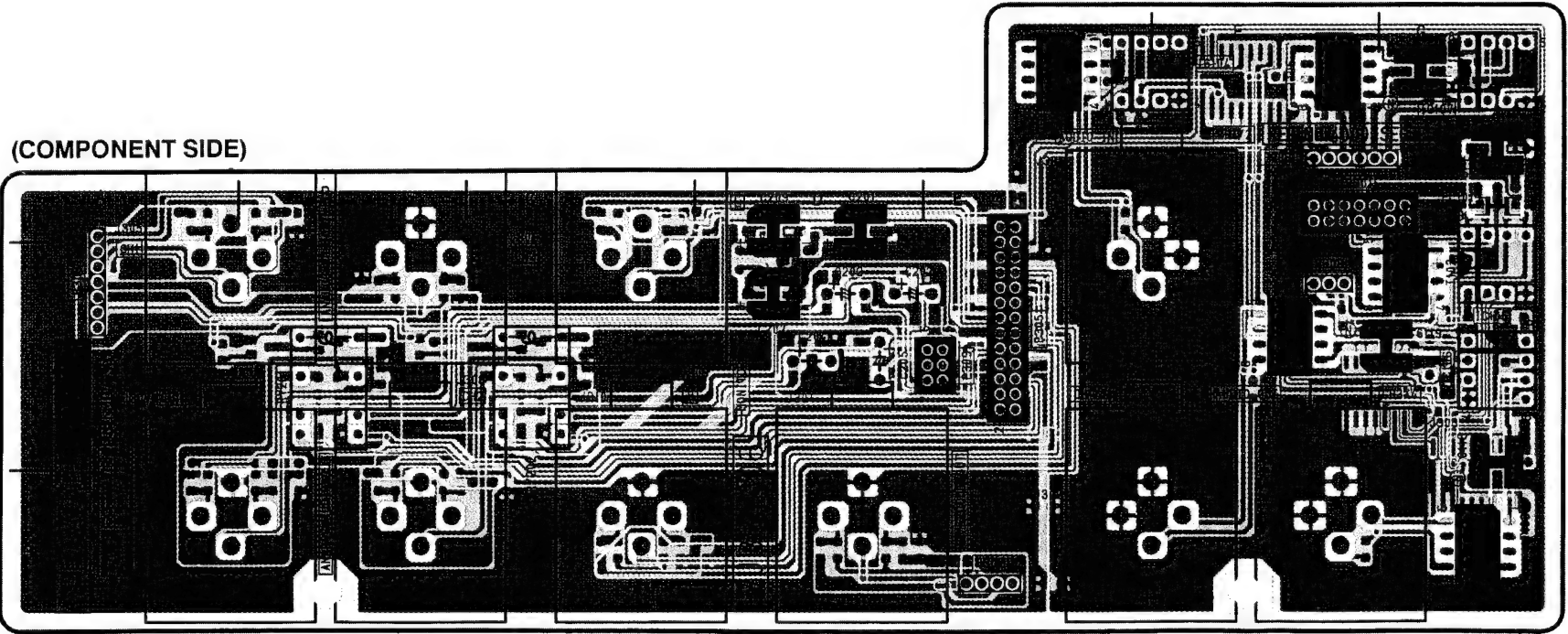


AUDIO REAR C.B.A.



AUDIO REAR C.B.A. (FOIL SIDE)	
Transistor	
Q201	D-2
Q202	B-2
Q203	B-2
Integrated Circuit	
IC101	F-1
IC102	G-3
IC103	F-2
IC104	F-1
IC105	G-1
IC106	G-2
IC107	G-1
Connector	
P301	F-1
P302	E-3
P303	A-2
P305	E-2
P306	F-1
P308	F-2
P309	D-2

ADDRESS INFORMATION



AUDIO REAR C.B.A. (COMPONENT SIDE)	
Integrated Circuit	
IC104	F-1
IC105	G-2
IC106	G-2
IC107	G-1
Connector	
P301	F-1
P302	E-3
P303	A-2
P305	E-2
P306	F-1
P308	F-2
P309	E-2

ADDRESS INFORMATION



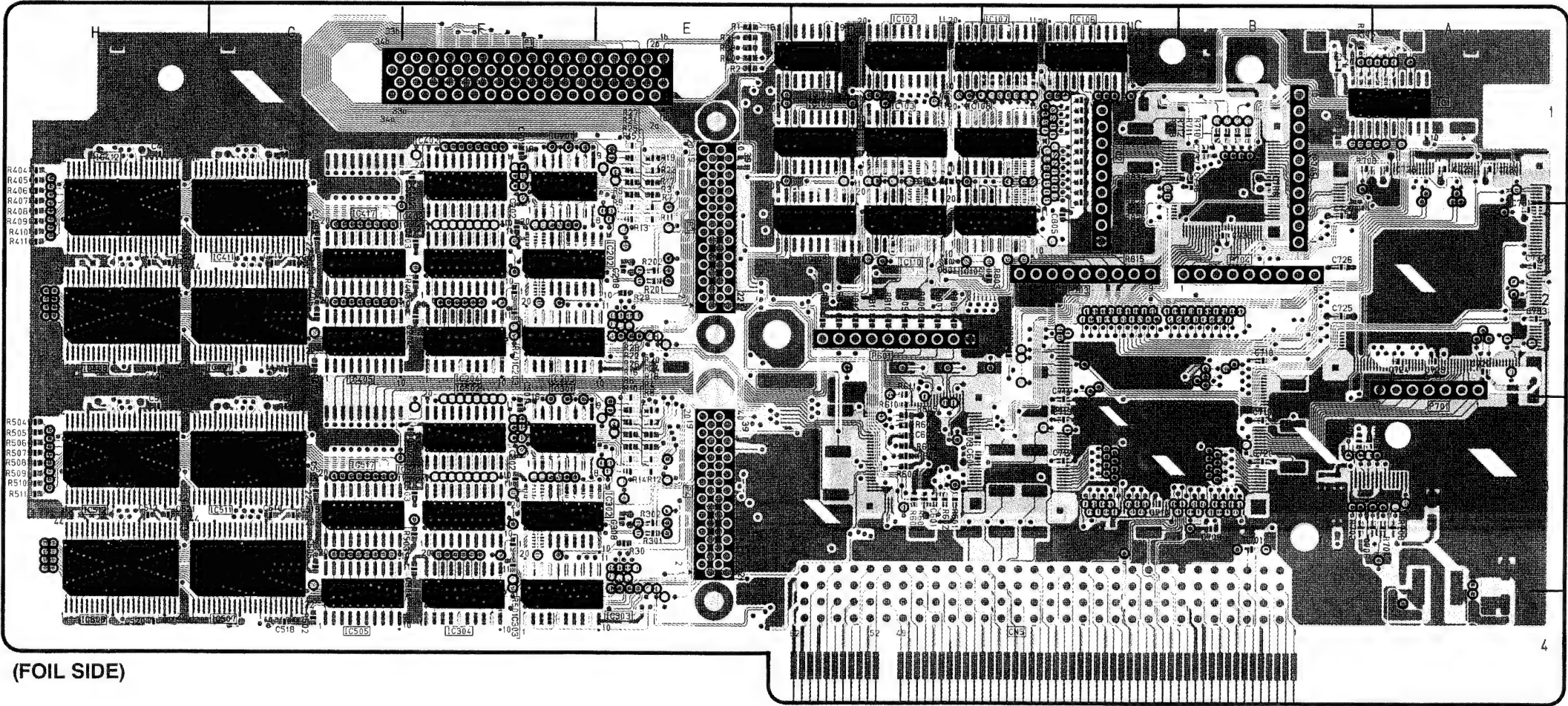
X4 PCI C.B.A.

X4 PCI C.B.A. (FOIL SIDE)			
Integrated Circuit		IC511	G-3
IC1	A-1	IC512	H-3
IC101	D-1	IC517	G-3
IC102	D-1	Connector	
IC103	D-1	P1	F-1
IC104	D-1	P3	E-2
IC105	D-2	P4	E-3
IC106	C-1	P601	D-2
IC107	C-1	P701	A-2
IC108	C-1	P702	C-1
IC109	C-2	P703	C-2
IC110	D-2	P704	B-2
IC201	F-2	P705	B-1
IC202	F-2		
IC203	F-2		
IC204	F-2		
IC301	F-3		
IC302	F-3		
IC303	F-4		
IC304	F-4		
IC402	F-1		
IC403	F-2		
IC405	G-2		
IC407	G-2		
IC408	H-2		
IC411	G-2		
IC412	H-2		
IC417	G-2		
IC502	F-3		
IC503	F-3		
IC505	G-3		
IC507	G-3		
IC508	H-3		

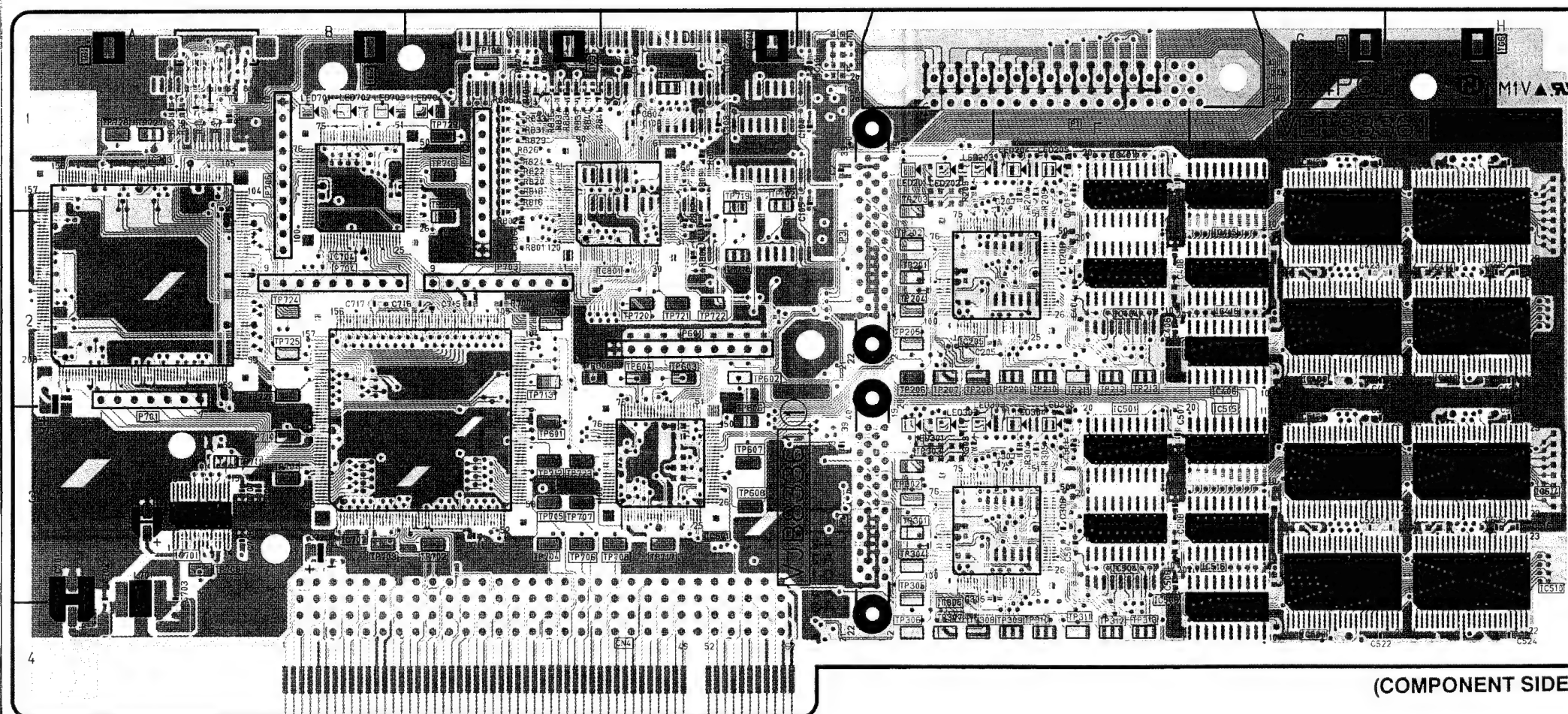
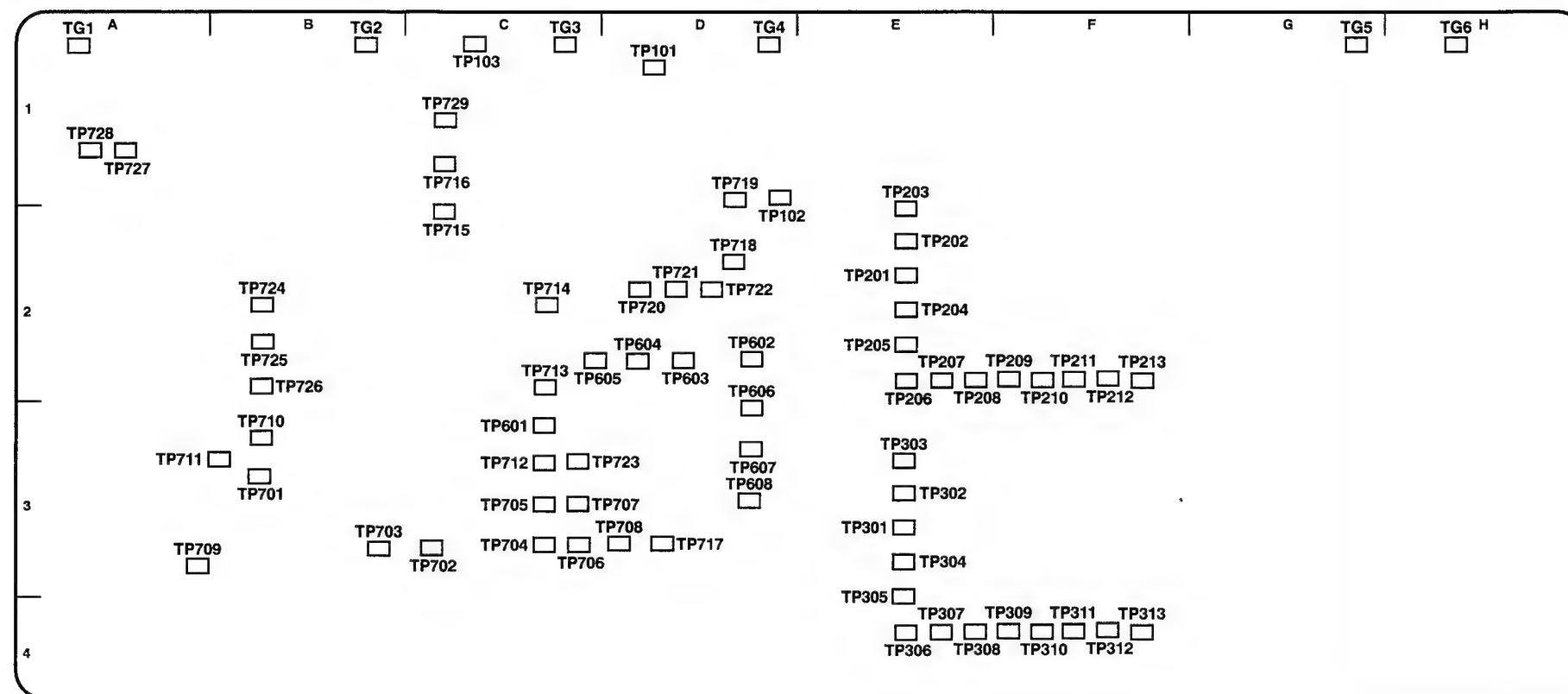
ADDRESS INFORMATION

X4 PCI C.B.A. (COMPONENT SIDE)							
Integrated Circuit		TG6	H-1	TP604	D-2	TP729	C-1
IC205	E-2	TP101	D-1	TP605	C-2	Connector	
IC305	E-3	TP102	D-1	TP606	D-3	CN4	C-4
IC401	F-1	TP103	C-1	TP607	D-3	P1	F-1
IC404	F-2	TP201	E-2	TP608	D-3	P2	B-1
IC406	G-2	TP202	E-2	TP701	B-3	P3	E-2
IC409	G-2	TP203	E-2	TP702	C-3	P4	E-3
IC410	H-2	TP204	E-2	TP703	B-3	P601	D-2
IC413	G-2	TP205	E-2	TP704	C-3	P701	A-2
IC414	H-2	TP206	E-2	TP705	C-3	P702	C-1
IC415	G-1	TP207	E-2	TP706	C-3	P703	C-2
IC416	G-2	TP208	E-2	TP707	C-3	P704	B-2
IC501	F-3	TP209	F-2	TP708	D-3	P705	B-1
IC504	F-3	TP210	F-2	TP709	A-3		
IC506	G-4	TP211	F-2	TP710	B-3		
IC509	G-3	TP212	F-2	TP711	B-3		
IC510	H-3	TP213	F-2	TP712	C-3		
IC513	G-3	TP301	E-3	TP713	C-2		
IC514	H-3	TP302	E-3	TP714	C-2		
IC515	G-3	TP303	E-3	TP715	C-2		
IC516	G-3	TP304	E-3	TP716	C-1		
IC601	D-3	TP305	E-3	TP717	D-3		
IC701	A-3	TP306	E-4	TP718	D-2		
IC702	C-3	TP307	E-4	TP719	D-2		
IC703	A-2	TP308	E-4	TP720	D-2		
IC704	B-1	TP309	F-4	TP721	D-2		
IC801	D-1	TP310	F-4	TP722	D-2		
Test Point		TP311	F-4	TP723	C-3		
TG1	A-1	TP312	F-4	TP724	B-2		
TG2	B-1	TP313	F-4	TP725	B-2		
TG3	C-1	TP601	C-3	TP726	B-2		
TG4	D-1	TP602	D-2	TP727	A-1		
TG5	G-1	TP603	D-2	TP728	A-1		

ADDRESS INFORMATION



(FOIL SIDE)



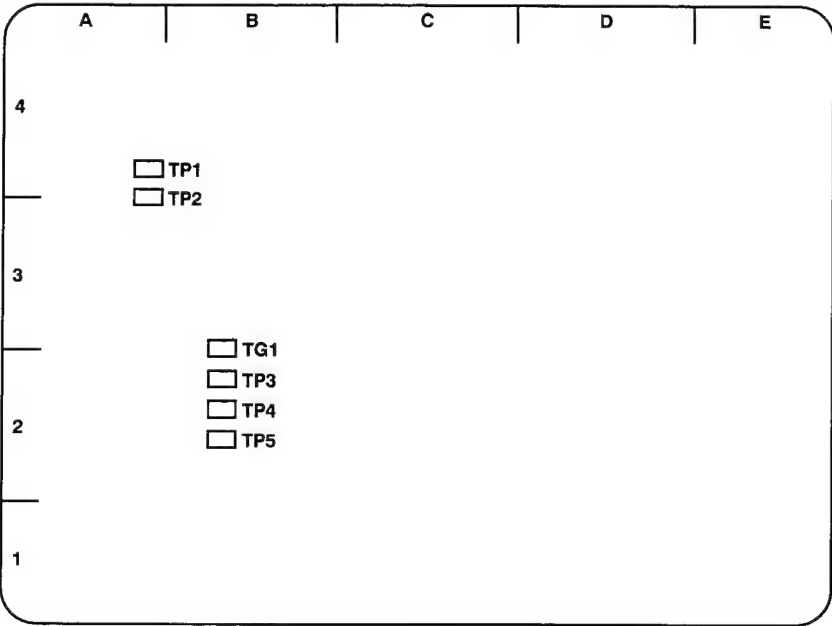
(COMPONENT SIDE)



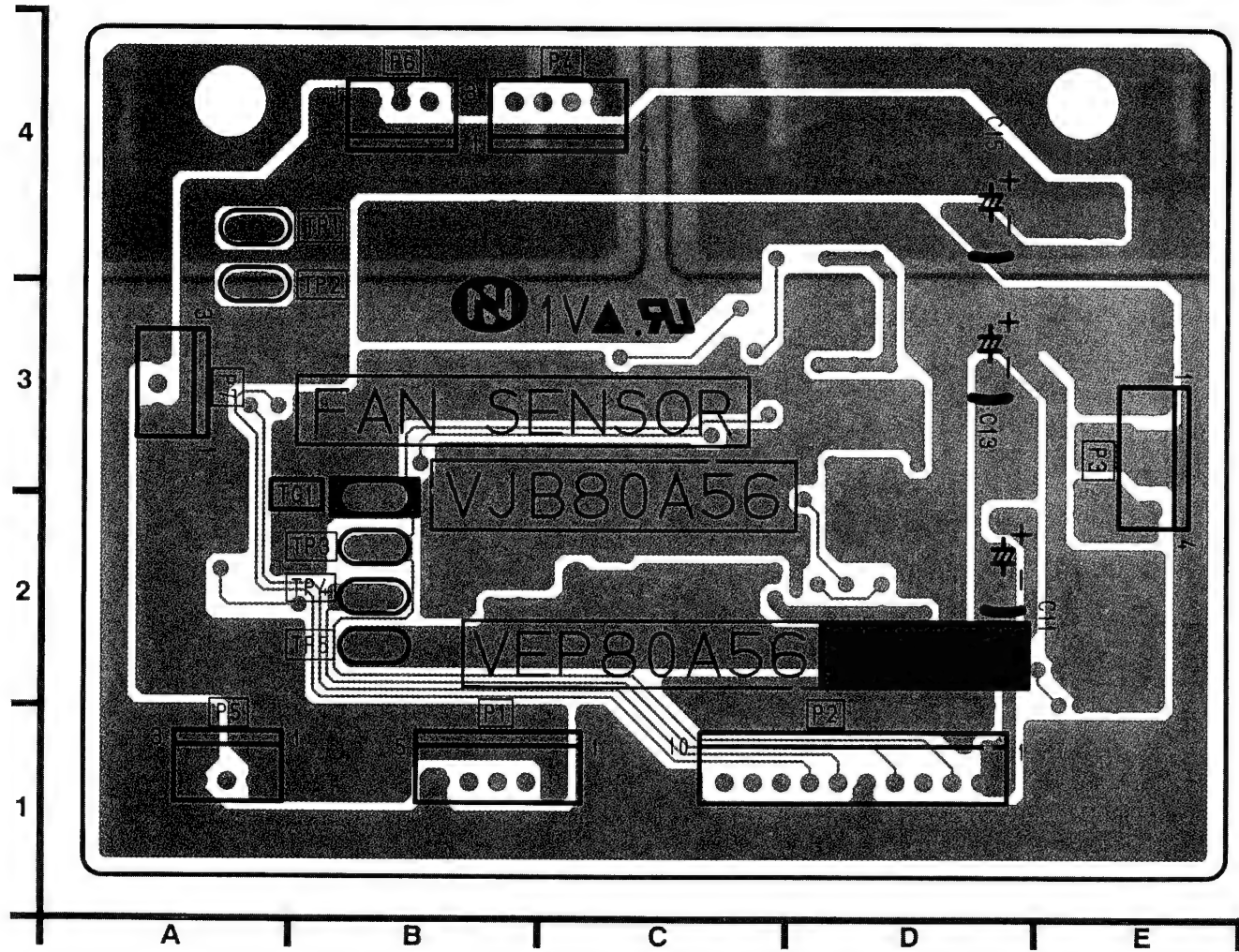
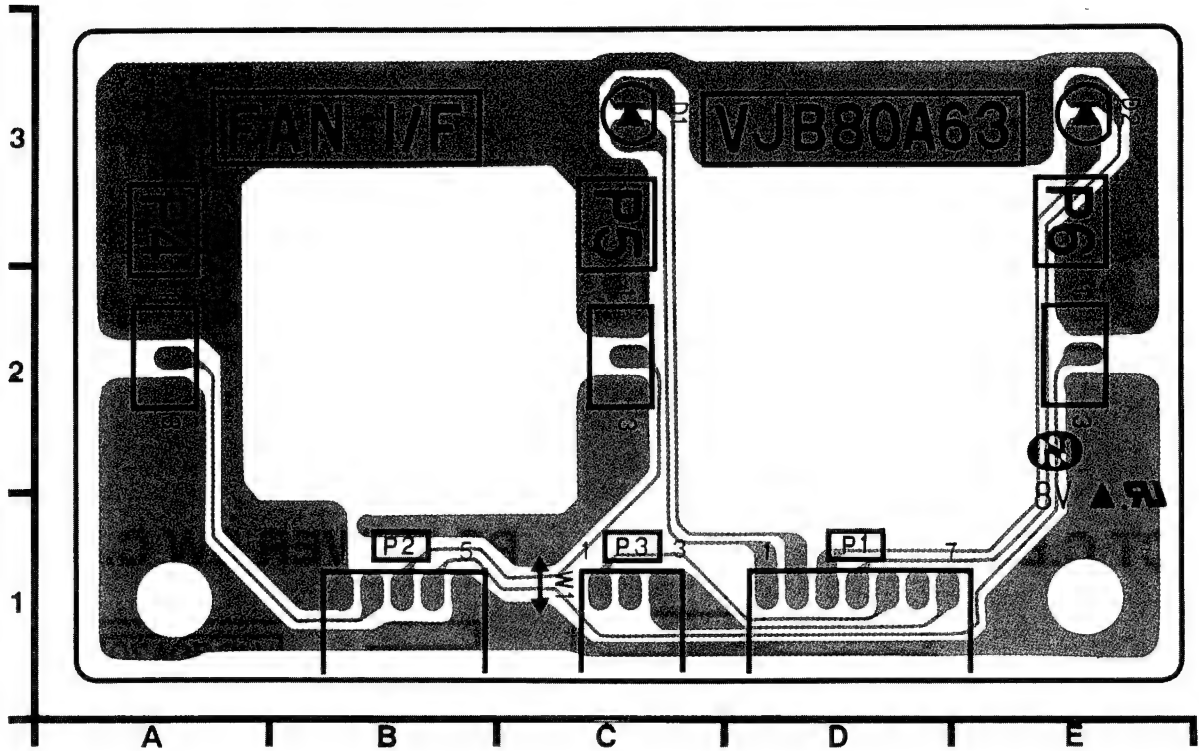
FAN SENSOR C.B.A.

FAN SENSOR C.B.A.	
Test Point	
TG1	B-3
TP1	A-4
TP2	A-3
TP3	B-2
TP4	B-2
TP5	B-2
Connector	
P1	B-1
P2	D-1
P3	E-3
P4	C-4
P5	A-1
P6	B-4
P7	A-3

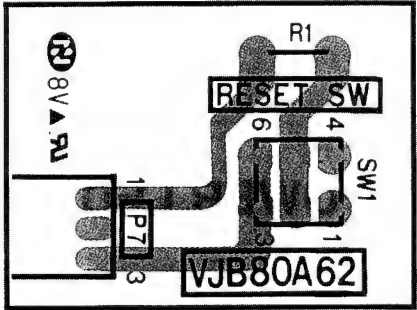
ADDRESS INFORMATION



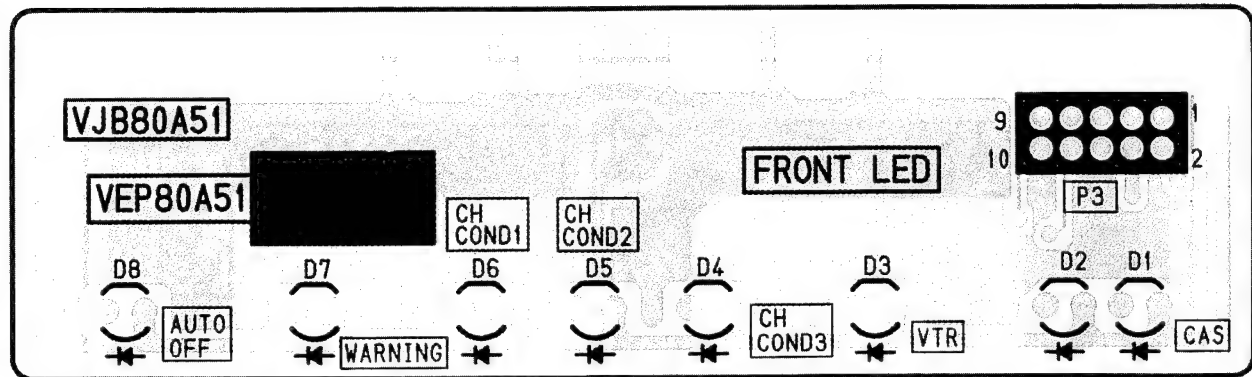
FAN INTERFACE C.B.A.



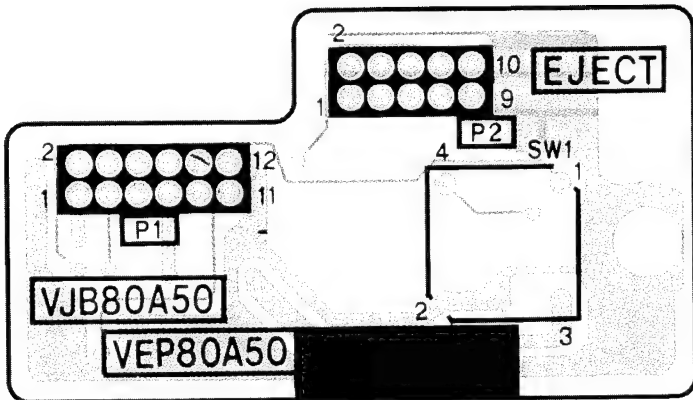
RESET SW C.B.A.



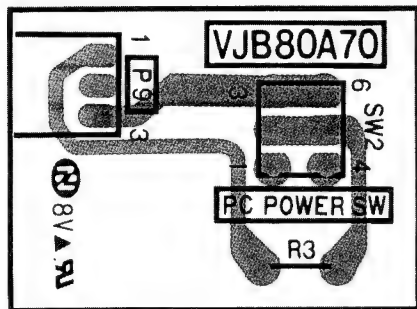
FRONT LED C.B.A.



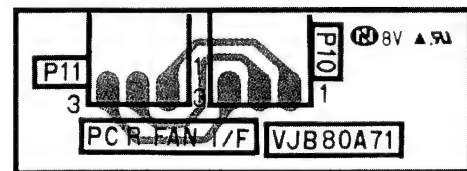
EJECT C.B.A.



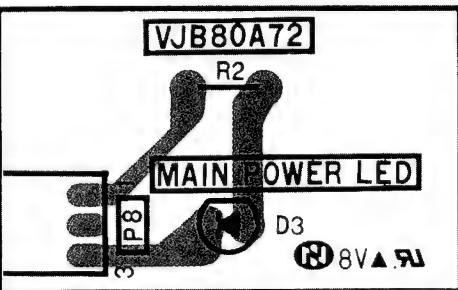
PC POWER SW C.B.A.



PC R FAN INTERFACE C.B.A.

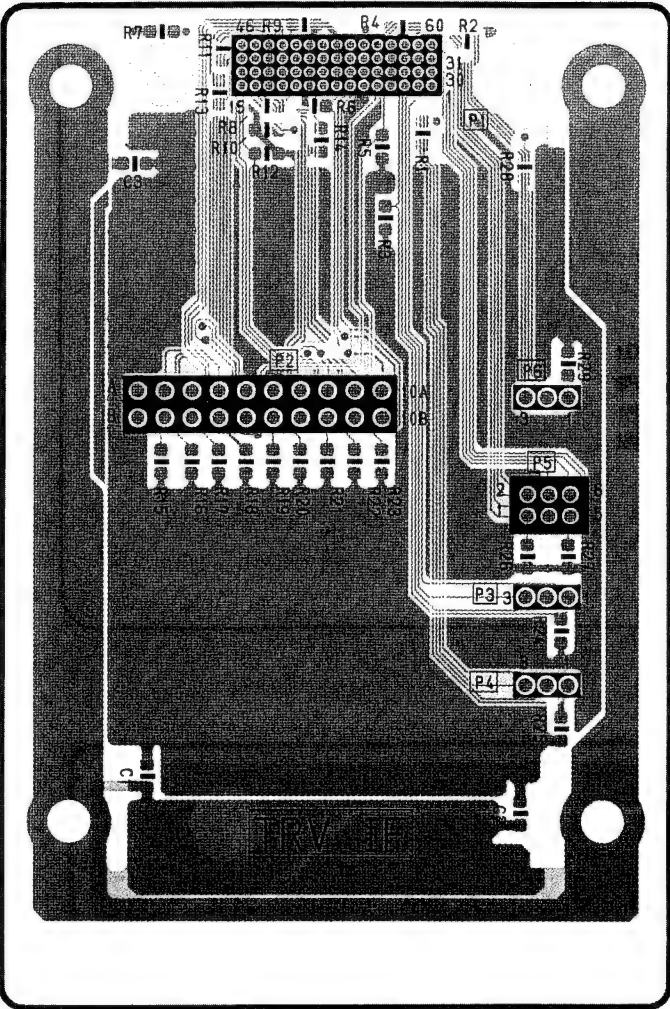


MAIN POWER LED C.B.A.

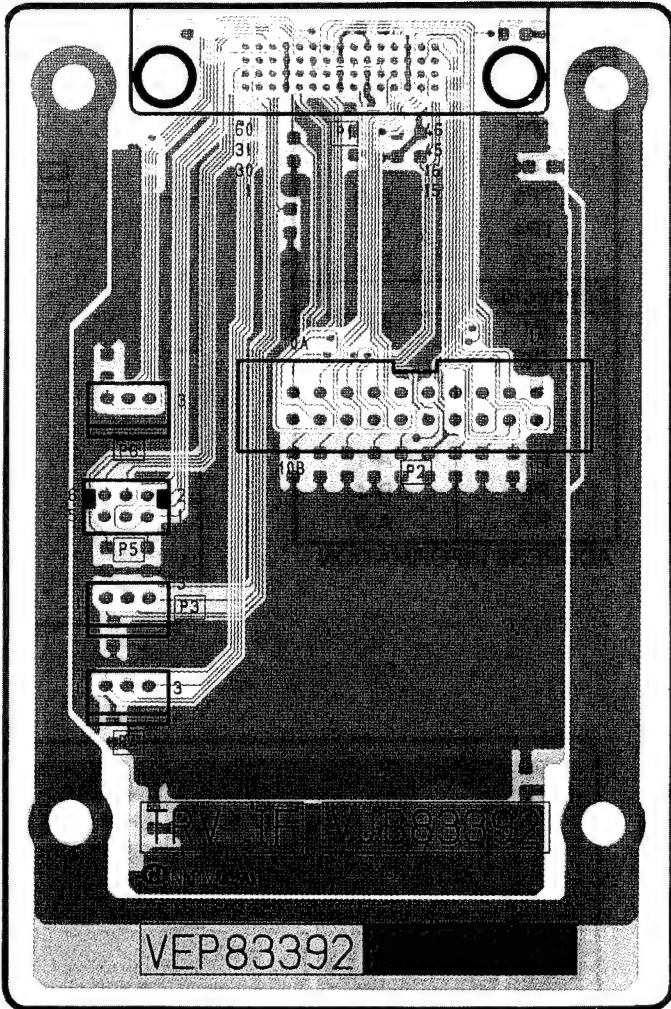


TRV INTERFACE C.B.A.

(FOIL SIDE)

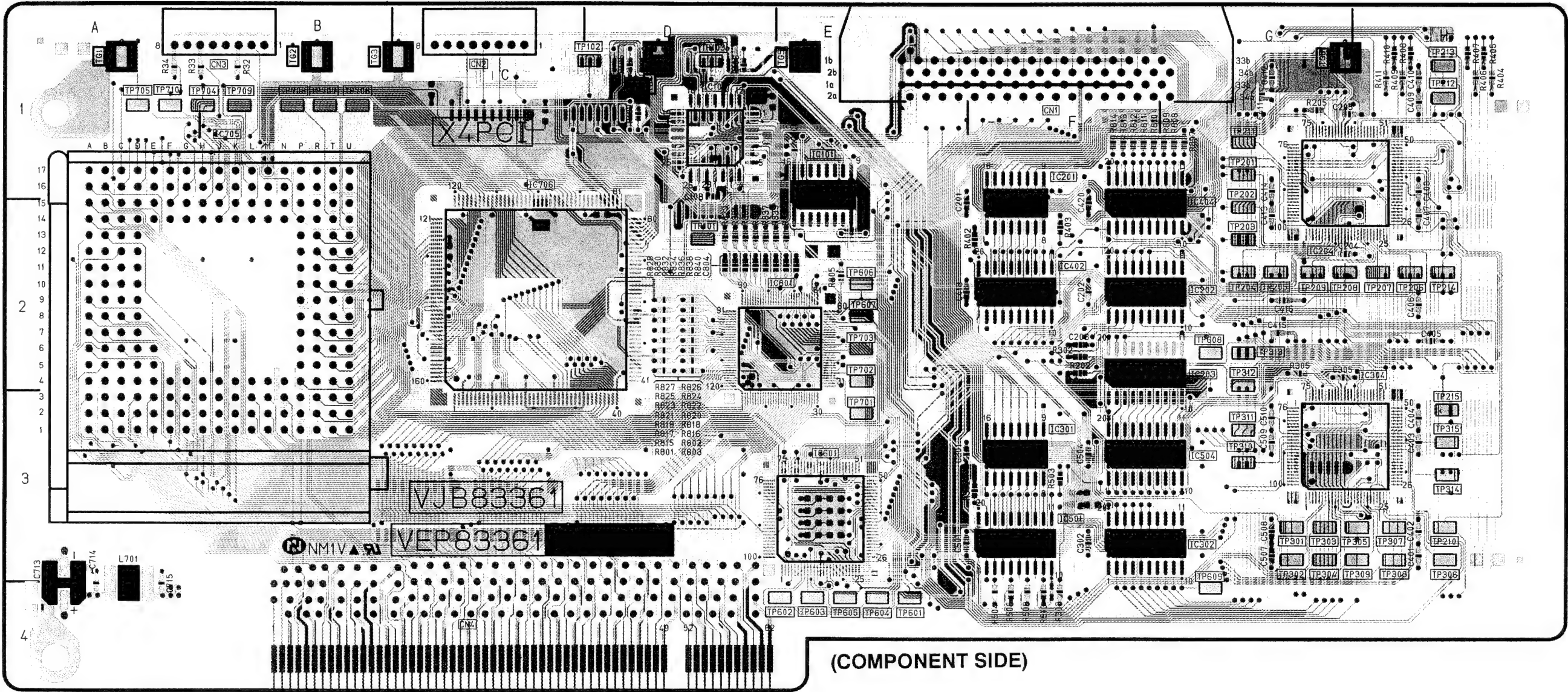


(COMPONENT SIDE)

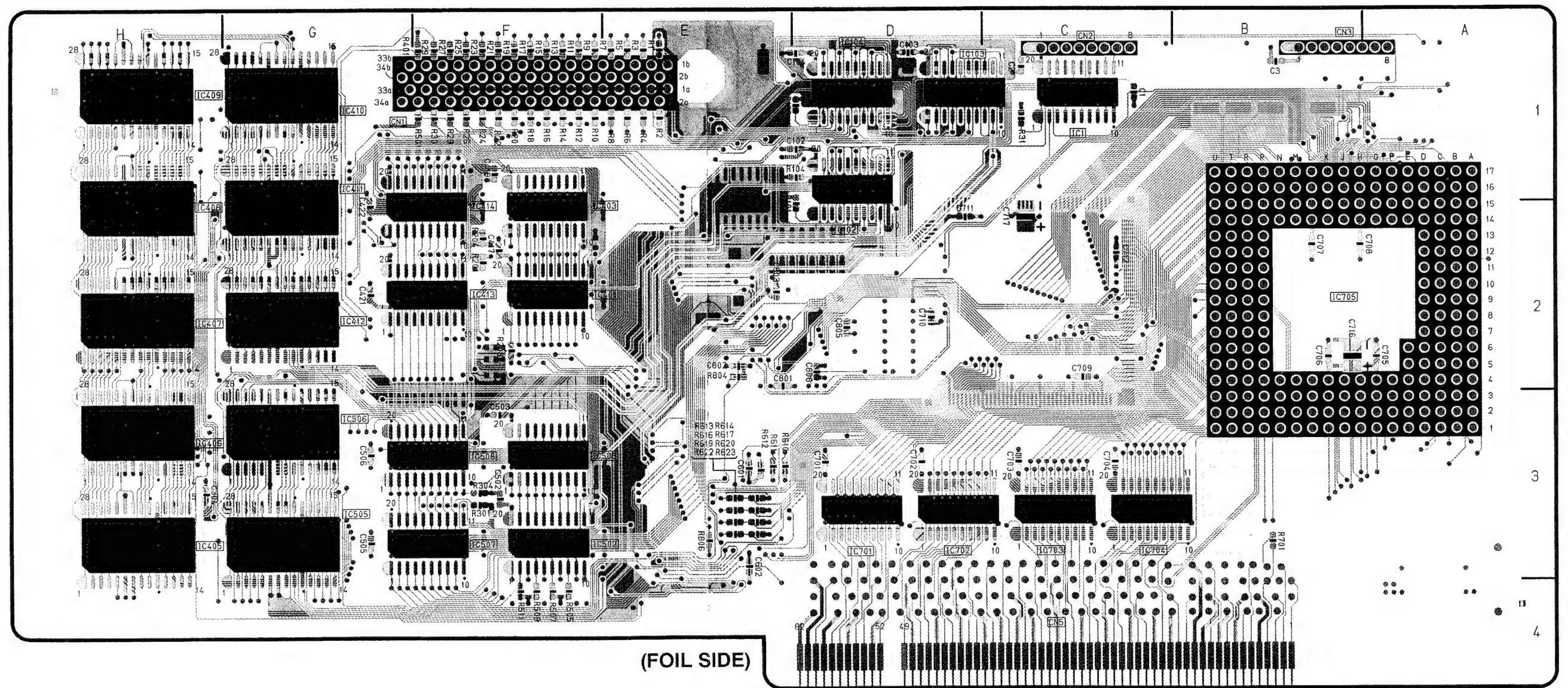




4X PCI INTERFACE C.B.A. (Initial Product Only)







# SECTION 9

## EXPLODED VIEWS & PARTS LIST

**Note:**

1. \*Be sure to make your orders of replacement parts according to this list.
2. Unless otherwise specified, all resistors are in OHMS, K=1,000  
OHMS, all capacitors are in MICROFARADS ( $\mu$ F), P= $\mu\mu$  F.
3. The P.C. Board units marked with "■" shown below the main assembled parts.
4. The parts marked with (E) on the exploded view show the electric parts.
5. **IMPORTANT SAFETY NOTICE**  
Components identified with the mark <I> have the special characteristics for safety. When replacing any of these components, use only the same type.
6. The marking (RTL) indicates the retention time is limited for this item.  
After the discontinuation of this assembly in production, it will no longer be available

<<Abbreviations for part>>

<NAME>		<DESCRIPTIONS>
C. CAPACITOR	:	CERAMIC CAPACITOR
C. CAPACITOR	CH :	CERAMIC CHIP CAPACITOR
E. CAPACITOR	:	ELECTROLYTIC CAPACITOR
G. CAPACITOR	:	GLASS CAPACITOR
M. CAPACITOR	:	MICA CAPACITOR
P. CAPACITOR	:	PLASTIC FILM CAPACITOR
S. CAPACITOR	:	SEMI-CONDUCTOR CAPACITOR
T. CAPACITOR	:	TANTALUM CAPACITOR
TRIMMER	:TRIMMER	
C. RESISTOR	:	CARBON RESISTOR
F. RESISTOR	:	FUSE RESISTOR
M. RESISTOR	:	METAL OXIDE RESISTOR
M. RESISTOR	CH :	METAL OXIDE CHIP RESISTOR
S. RESISTOR	:	SOLID RESISTOR
V. RESISTOR	:	VARIABLE RESISTOR
W. RESISTOR	:	WIRE WOUND RESISTOR
COMBI. TR-R	:	TRANSISTOR-RESISTOR COMBINATION PARTS
COMBI. R-R	:	RESISTOR-RESISTOR COMBINATION PARTS
COMBI. C-R	:	CAPACITOR-RESISTOR COMBINATION PARTS
COMBI. C-R-R	:	CAPACITOR-RESISTOR-COIL COMBINATION PARTS
P.C. BOARD	:	PRINTED CIRCUIT BOARD
W/COMPONENT	:	WITHCOMPONENT

# CONTENTS

MECHANICAL COMPONENT ASSEMBLY(1).....	PRT-1
MECHANICAL COMPONENT ASSEMBLY(2).....	PRT-3
MECHANICAL COMPONENT ASSEMBLY(3).....	PRT-5
CASING PARTS ASSEMBLY .....	PRT-7
FRONT PANEL ASSEMBLY.....	PRT-9
FRAME ASSEMBLY .....	PRT-11
CASSETTE COMPARTMENT ASSEMBLY.....	PRT-13
MECHANICAL CHASSIS ASSEMBLY(1) .....	PRT-15
MECHANICAL CHASSIS ASSEMBLY(2) .....	PRT-17
SUBCHASSIS ASSEMBLY.....	PRT-19
PACKING PARTS ASSEMBLY.....	PRT-21
<b>ELECTRICAL REPLACEMENT PARTS LIST.....</b>	<b>PRT-22</b>

## SERVICING FIXTURES & TOOLS

AJ-DE77F

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VFK1145	BACK TENSION METER	1	
2	VFK1149	POST DRIVER	1	
3	VFK71	DIAL TORQUE GAUGE (150G)	1	
4	VFK1191	DIAL TORQUE GAUGE (45G)	1	
5	VFK1152	DIAL TORQUE GAUGE ADAPTOR	1	
6	VFK0357	ECCENTRIC SCREWDRIIVER	1	
7	VFK1154	POST HEIGHT FIXTURE	1	
8	VFK1153	MECH NEUTRAL PLATE (POST)	1	
9	VFK1157	MECH NEUTRAL PLATE	1	
10	VFK1155	NEUTRAL POSITION PLATE	1	
11	VFK1156	NEUTRAL POSITION PLATE	1	
12	VFK1208	NEUTRAL POSITION PLATE	1	
13	VFK1150	NUT DRIVER (5.5MM)	1	
14	VFK1151	NUT DRIVER (2.5MM)	1	
15	VFK1188	DIAL TENSION GAUGE (30G)	1	
16	VFK0948	CHECK LIGHT	1	
17	VFK0749	FROTRAL GREASE (PLASTICS)	1	
18	MOR265	MORLYTONE GREASE (METAL)	1	
19	VFK1146	PHILIPPS DRIVER (00-75)	1	PURCHASE LOCALLY
20	VFK1147	PHILIPPS DRIVER (00-100)	1	PURCHASE LOCALLY
21	VFK1148	HEX. DRIVER (1.5MM)	1	
22	VFK1178	HEX. DRIVER (0.89MM)	1	
23	VFK1179	HEX. DRIVER (0.71MM)	1	
24	VFK1190	HEX. WRENCH (1.5MM)	1	PURCHASE LOCALLY
25	VFK1209	TORQUE DRIVER (0.4-3KG)	1	
26	VFK0912	POST AXIS DRIVER (1.5MM)	1	
27	VFK1300	A/D BOARD(DAQ-12 QUATECH)	1	PURCHASE LOCALLY
28	VFM3580KM	DVCPRO ALIGNMENT TAPE (1)	1	
29	VFM3581KM	DVCPRO ALIGNMENT TAPE (2)	1	
30	VFM3582KM	DVCPRO ALIGNMENT TAPE (3)	1	
32	VFK1159	LISTA SOFTWARE	1	
33	VFK1186	LISTA CABLE	1	
34	VFK1192	EXTENSION BOARD (F)	1	
35	VFK1193	EXTENSION BOARD (H)	1	
36	VFK0906	HIGH QUALITY OIL	1	
37	VFK1369	TAPE SENSOR ADJ CASS	1	

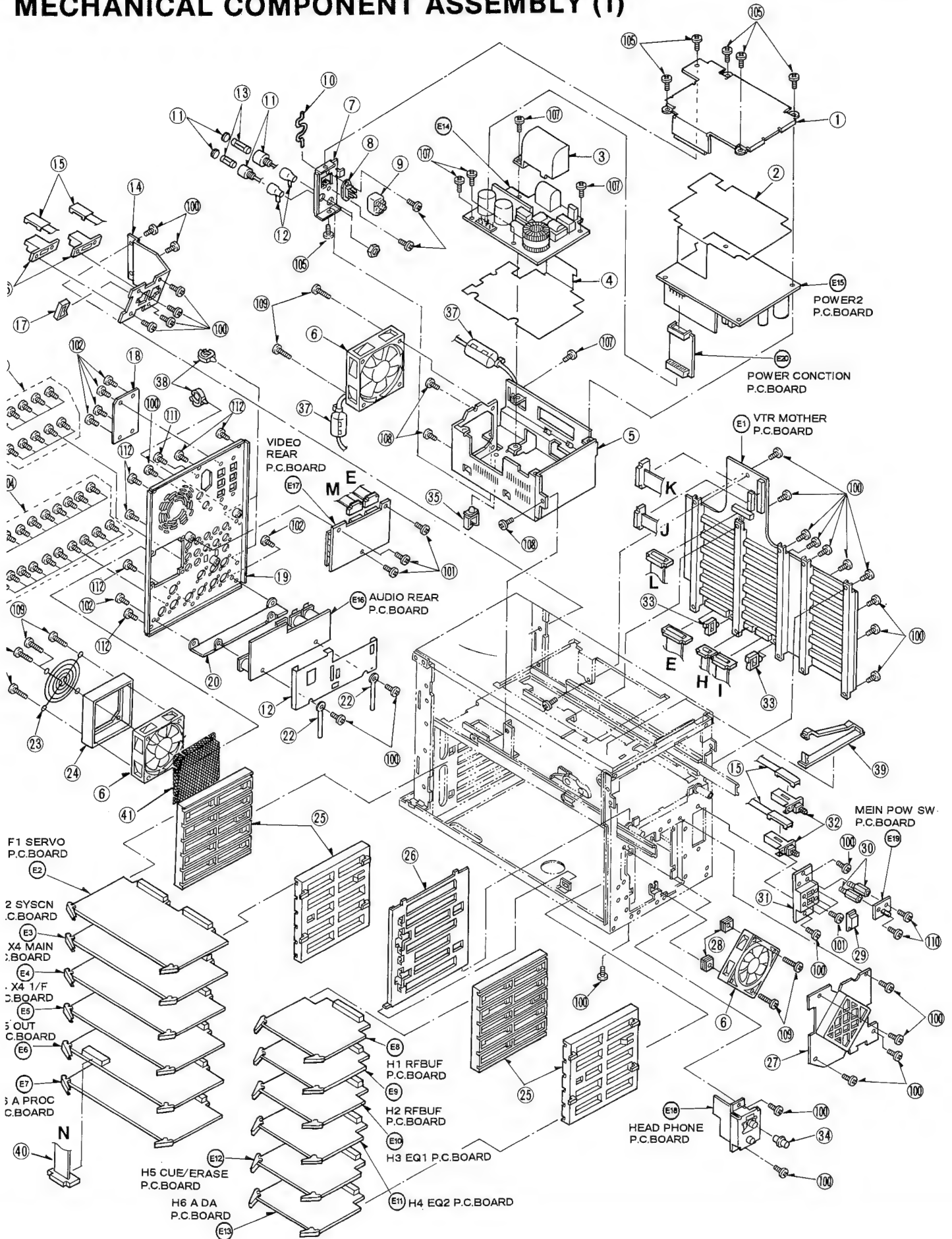
When replacing any of these components, use only the same type.

## AJ-DE77E

PRT-1

Components identified with the mark  $\Delta$  have the special characteristics for safety.  
When replacing any of these components, use only the same type.

## MECHANICAL COMPONENT ASSEMBLY (1)

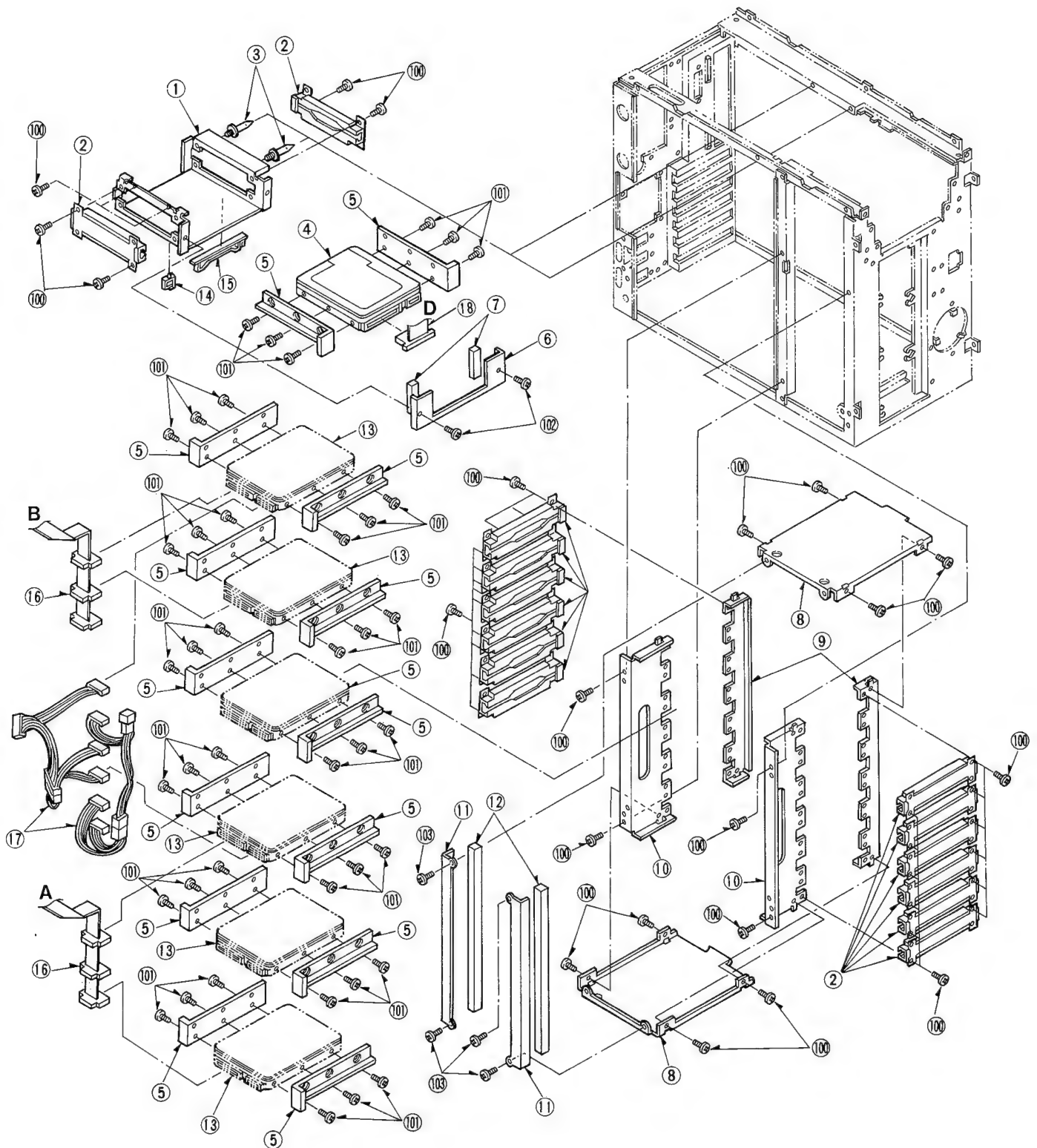




## AJ-DE77E

PRT-3

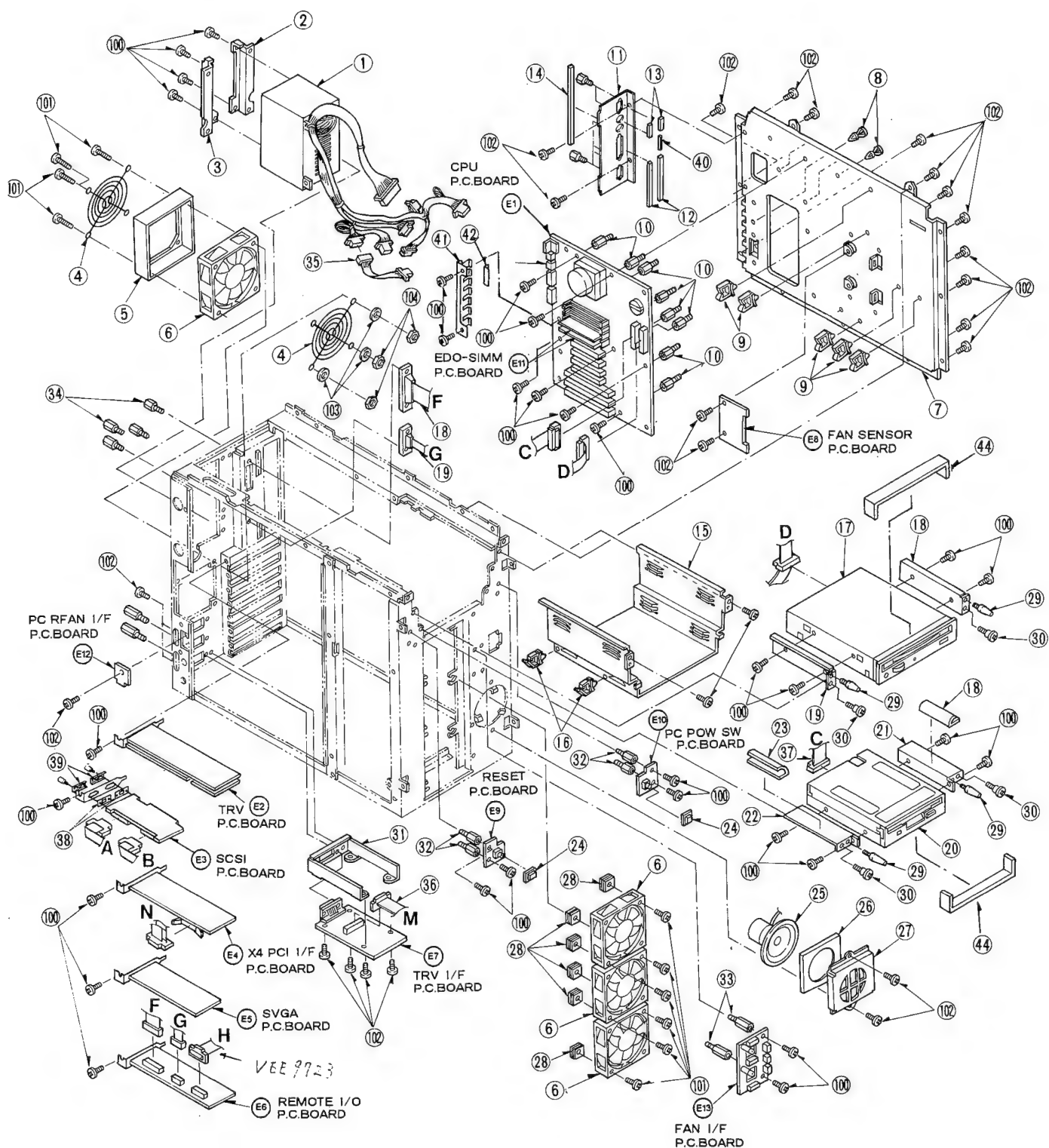
## MECHANICAL COMPONENT ASSEMBLY (2)



## AJ-DE77E

PRT-5

# MECHANICAL COMPONENT ASSEMBLY (3)

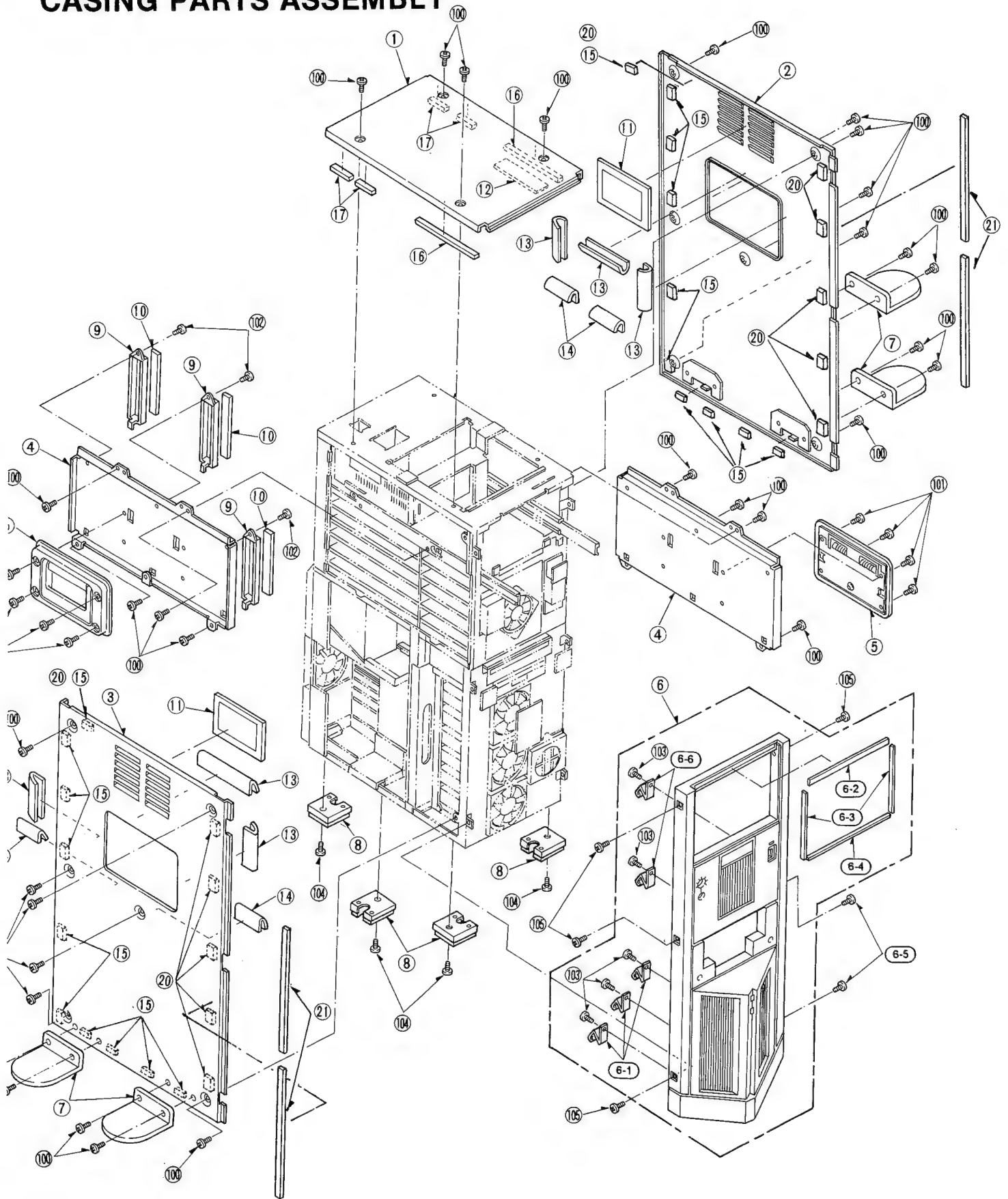


## AJ-DE77E

PRT-7



# CASING PARTS ASSEMBLY




When replacing any of these components, use only the same type.

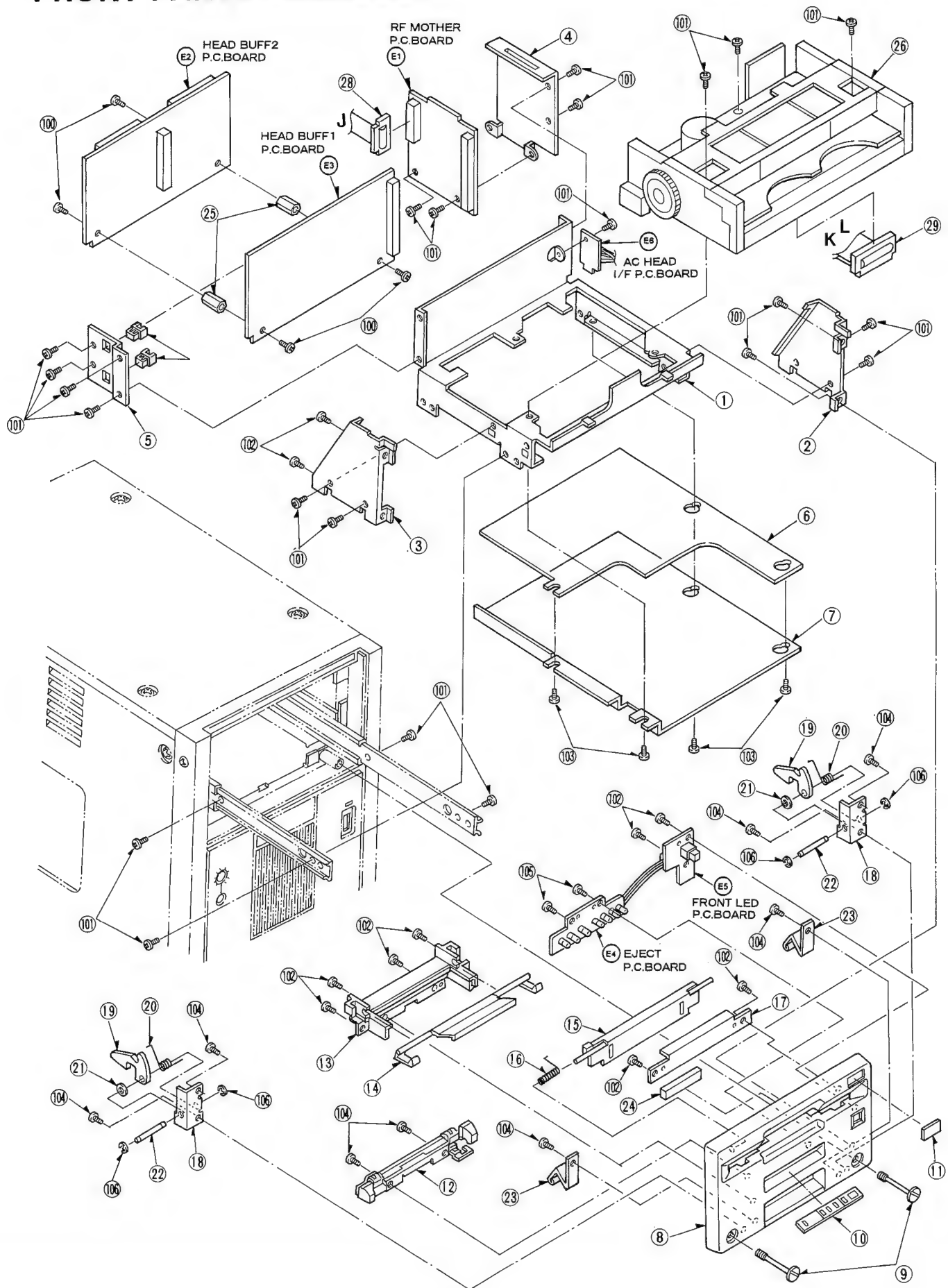
## FRONT PANEL ASSEMBLY

AJ-DE77

[illegible]

Components identified with the mark  have the special characteristics for safety.  
When replacing any of these components, use only the same type.

## FRONT PANEL ASSEMBLY

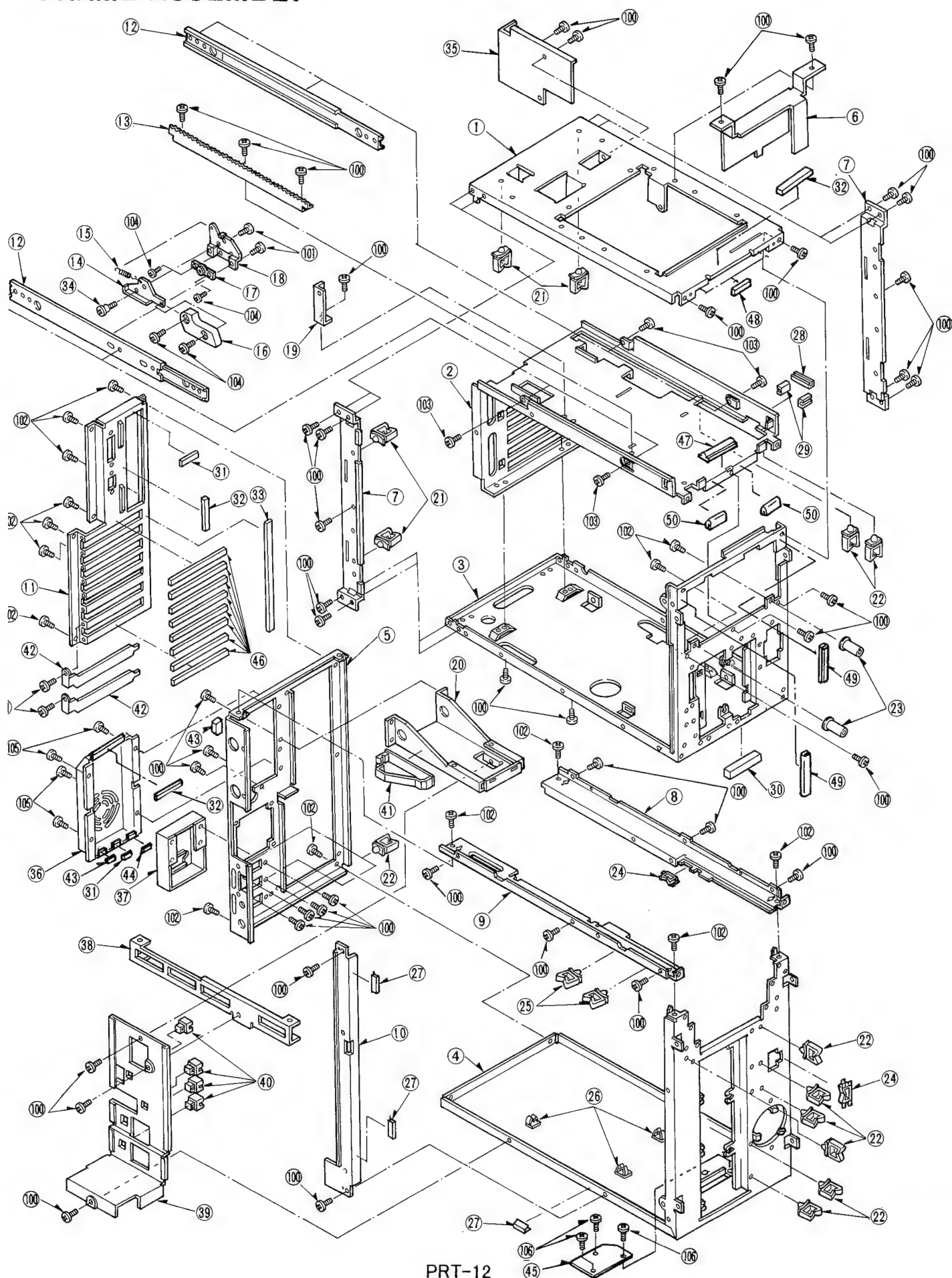


PRT-10

## AJ-DE77E

PRT-11

# FRAME ASSEMBLY



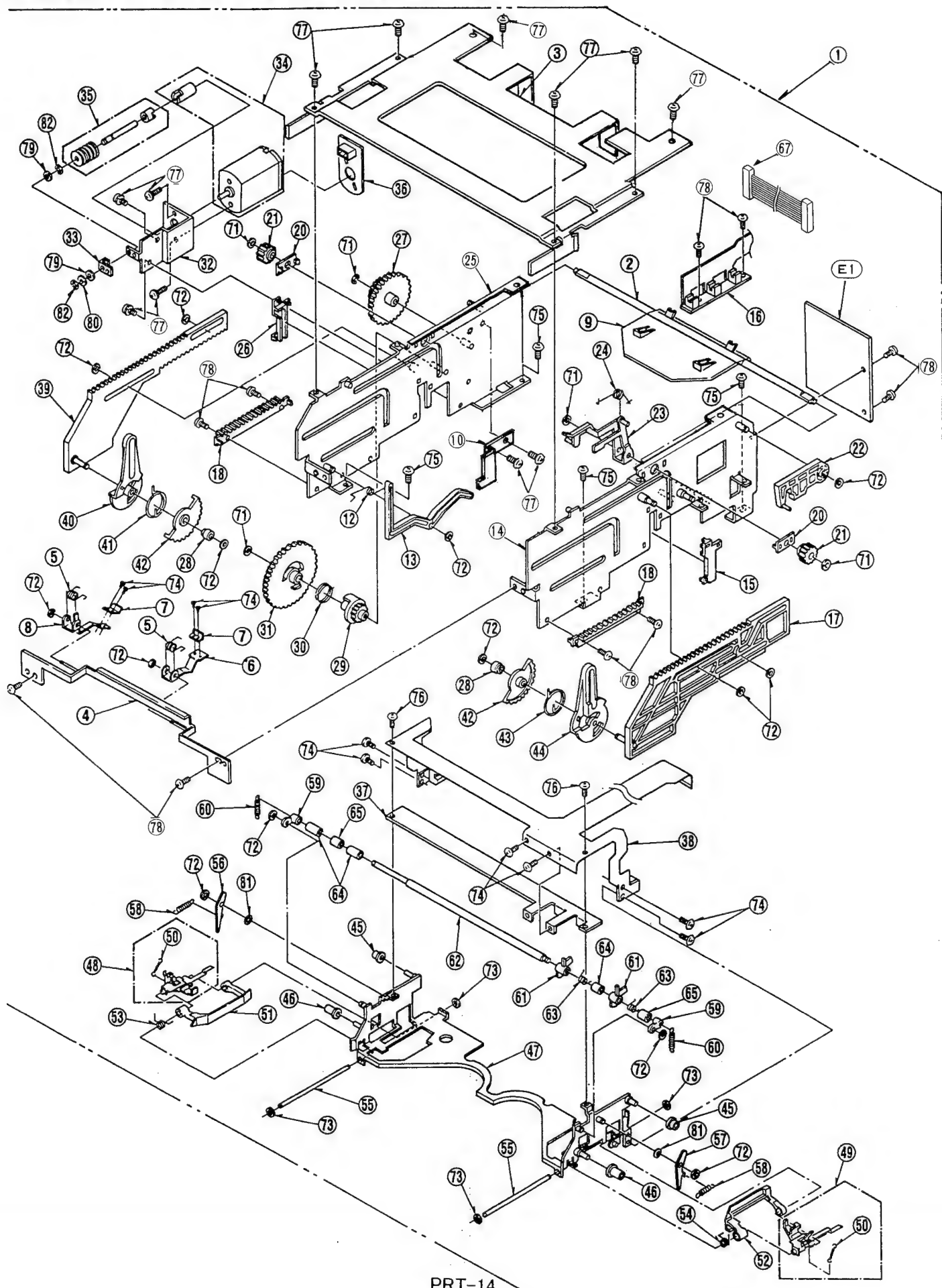


# CASSETTE COMPARTMENT ASSEMBLY

AJ-DE7

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VXA6070	CASSETTE COMPARTMENT	1		78	XON2+A3	SCREW	10	
2	VMS5865	MAIN SHAFT	1		79	XWGV2D5G	WASHER	2	
3	VMA9849	TOP PLATE	1		80	XWGV2Y4G	WASHER	2	
4	VXA5761	FRONT GUIDE 1 ASS'Y	1		81	XWGV2Z5G	WASHER	2	
5	VMB3075	M GUIDE SPRING	2						
6	VML3191	M GUIDE RIGHT LEVER	1						
7	VML3192	M FRONT GUIDE	2		E1		CARRIGE P.C. BOARD	1	
8	VML3190	M GUIDE LEFT LEVER	1						
9	VML3196	CASSETTE PROTECT PLATE	1						
10	VMA9760	L OPENER	1						
12	VMB2926	SPRING	1						
13	VML2A50	BLINDER PANEL OPENER	1						
14	VXA6074	R SIDE PLATE 1 ASS'Y	1						
15	VML2A51	SUB RAIL (R)	1						
16	VEK7695	SIDE FLEXIBLE	1						
17	VXA5766	MAIN RACK R ASS'Y	1						
18	VDG1156	WIPER RACK	2						
20	VDB1395	MAIN SHAFT ANGLE	2						
21	VDG1155	INTERLOCK GEAR	2						
22	VML3193	OPENER DRIVE ARM	1						
23	VXL2692	OPENER ANGLE ASS'Y	1						
24	VMB2979	SPRING	1						
25	VXA6072	SIDE PLATE L 1 ASS'Y	1						
26	VML2A48	SUB RAIL (L)	1						
27	VDG1254	INTERMEDIATE GEAR	1						
28	VDP1643	WIPER ROLLER	2						
29	VDG1237	CLUTCH GEAR	1						
30	VMB2980	CLUTCH SPRING	1						
31	VDG1236	WORM WHEEL	1						
32	VXA5848	MOTOR ANGLE (A) ASS'Y	1						
33	VXP1797	E.E SLOT IN WORM ASS'Y	1						
34	VXA5597	MOTOR ASS'Y	1 (M)						
35	VMA9673	EMERGENCY ANGLE	1						
36	VEK7793	MOTOR P.C. BOARD	1						
37	VMA9668	HOLDER PLATE	1						
38	VEK7715	HOLDER FLEXIBLE ASS'Y	1						
39	VXA6075	MAIN RACK (L) ASS'Y	1						
40	VML2A49	WIPER ARM L	1						
41	VMB2925	WIPER SPRING L	1						
42	VDG1163	WIPER GEAR	2						
43	VMB3013	WIPER SPRING R	1						
44	VML2A52	WIPER ARM R	1						
45	VDP1642	CASSETTE GUIDE ROLLER (2)	2						
46	VDP1641	CASSETTE GUIDE ROLLER (1)	2						
47	VXA5757	CASSETTE HOLDER 1 ASS'Y	1						
48	VXA5758	KICK OFF ROD L ASS'Y	1						
49	VXA5759	KICK OFF ROD R ASS'Y	1						
50	VMB3064	SLIDE SPRING	2						
51	VML3249	SIDE GUIDE L	1						
52	VML3250	SIDE GUIDE R	1						
53	VMB3061	SLIDE GUIDE SPRING L	1						
54	VMB3062	SLIDE GUIDE SPRING R	1						
55	VMS6108	KICK OFF ROD SHAFT	2						
56	VML2A54	KICK OFF ARM L	1						
57	VML2A55	KICK OFF ARM R	1						
58	VMB2928	KICK OFF SPRING	2						
59	VML2A53	CASSETTE HOLDER ARM	2						
60	VMB2927	CASSETTE HOLDER SPRING	2						
61	VMX2525	M-L DETECTION ROLLER	2						
62	VMS5882	CASSETTE HOLDER SHAFT	1						
63	VMB3059	M-L DETECT SPRING	2						
64	VMX2559	CASSETTE PRESSURE ROLLER(2)	3						
65	VMX2524	CASSETTE PRESSURE ROLLER(1)	1						
66	VDG1246	EMERGENCY GEAR	1						
67	VEE9577	CABLE	1						
71	VMX0653	CUT WASHER	5						
72	VMX0967	CUT WASHER	14						
73	VMX1061	WASHER	4						
74	XON16+A2	SCREW	10						
75	XON2+CF3	SCREW	4						
76	XON16+A25	SCREW	2						
77	XYN2+C3	SCREW	12						

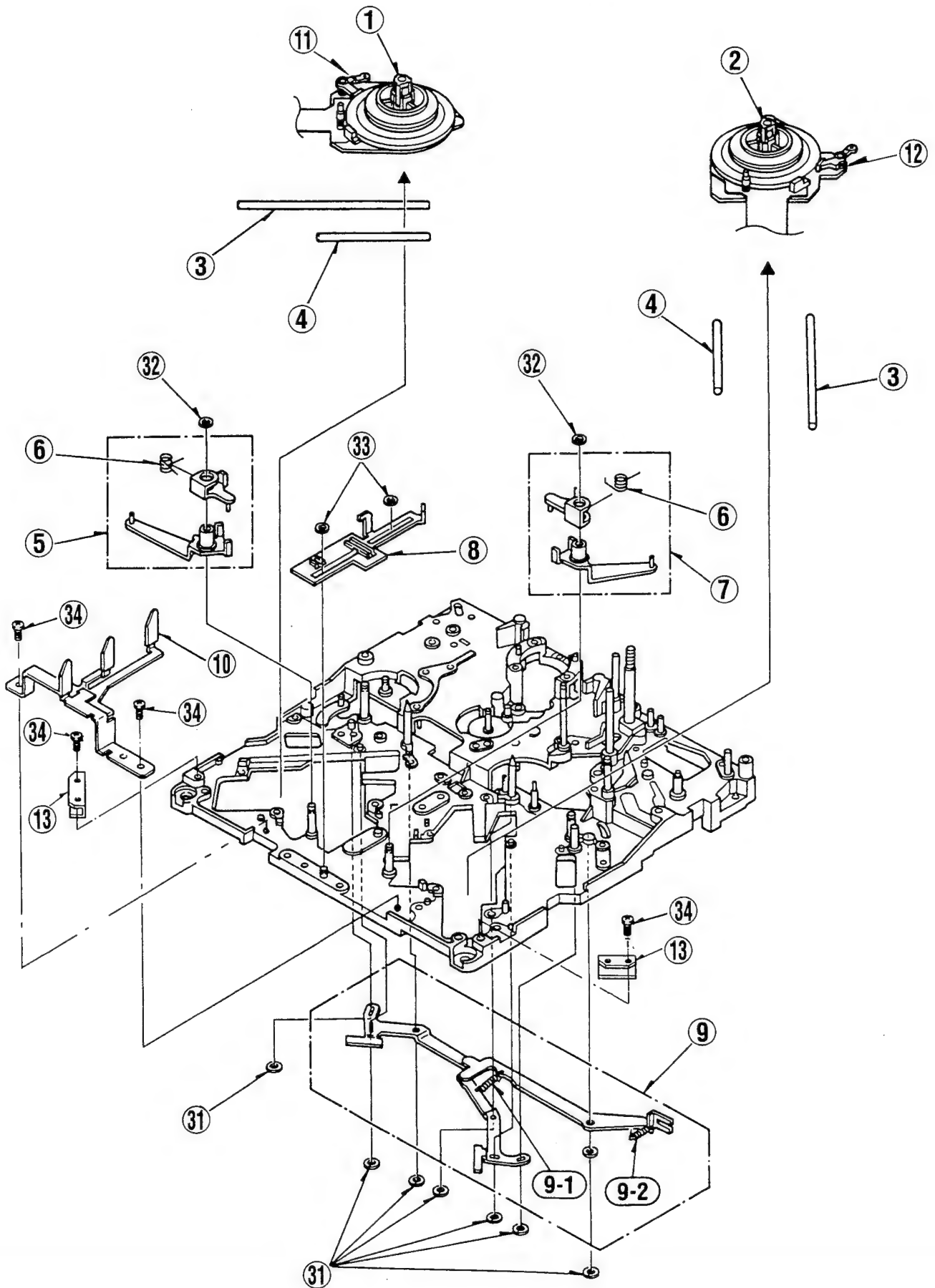
# CASSETTE COMPARTMENT ASSEMBLY



AJ-DE77


PRT-15

# MECHANICAL CHASSIS ASSEMBLY (1)



**MECHANICAL CHASSIS ASSEMBLY (2)**


AJ-DE77

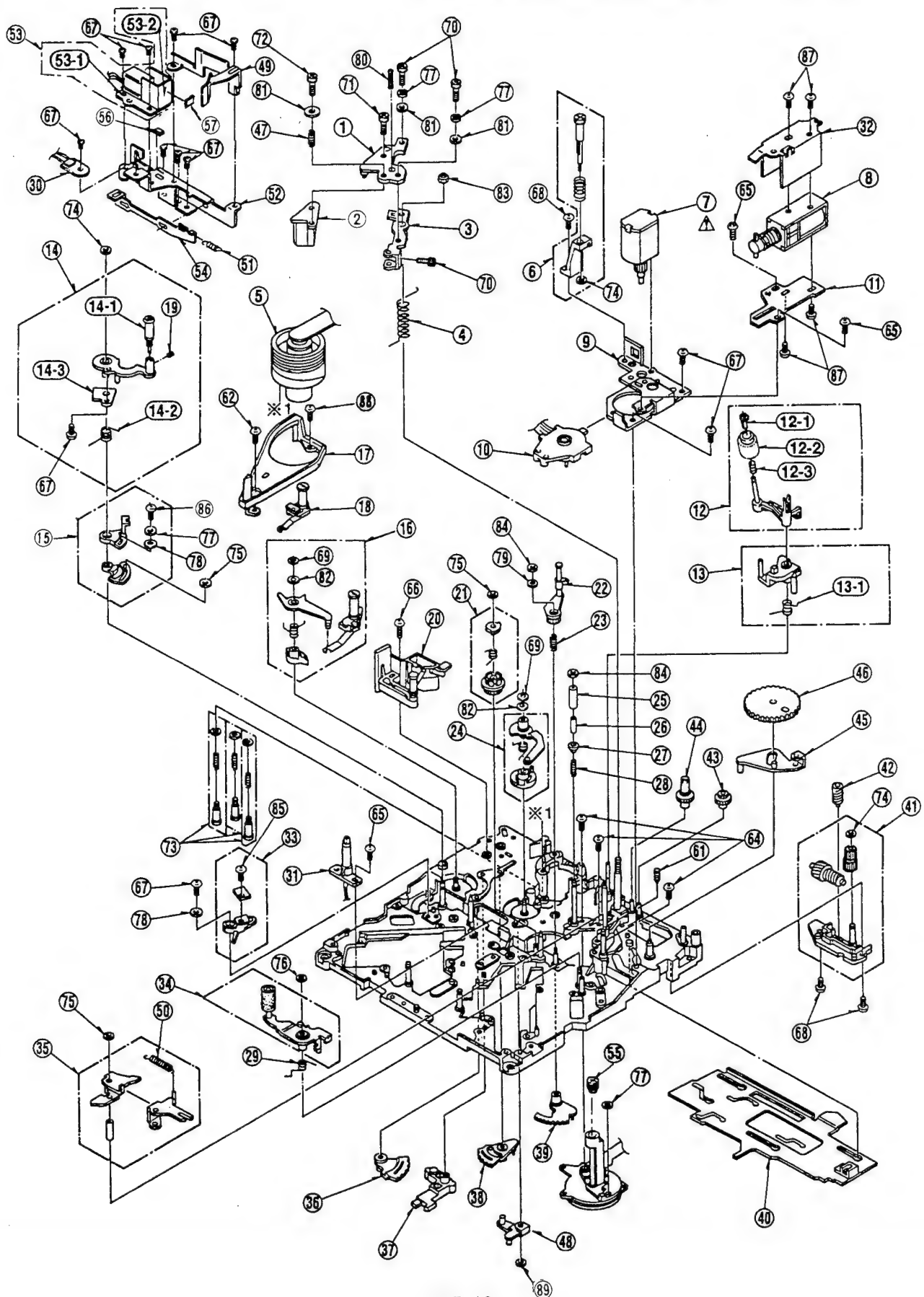
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VXA6026	A/C HEAD BASE (1) ASS'Y	1	
2	VBR0301	A/C HEAD	1 (M)	
3	VXA6067	A/C HEAD BASE (2) ASS'Y	1	
4	VMB2935	A/C HEAD HEIGHT SPRING	1	
5	VEG1443	CYLINDER UNIT	1 (M)	
6	VXA5715	EMERGENCY HOLDER ASS'Y	1	
 7	VEW0645	LOADING MOTOR (1) A ASS'Y	1 (M)	
8	VSJ0217	PINCH SOLENOID	1 (M)	
9	VXA5584	MOTOR ANGLE ASS'Y	1	
10	VES0814	MODE SW ASS'Y	1 (M)	
11	VMA9376	PINCH SOLENOID BASE	1	
12	VXL2748	CLEANING ARM A ASS'Y	1 (M)	
12-1	VXM2150	CLEANER ROLLER HOLDER	1	
12-2	VXP1808	CLEANER ROLLER ASS'Y	1	
12-3	VMB3114	CLEANER ROLLER SPRING	1 (M)	
13	VXL2787	T2 ARM ASS'Y	1	
13-1	VMB2932	T2 ARM SPRING	1	
14	VXL2832	TENSION ARM A ASS'Y	1 (M)	
14-1	VXP1866	TENSION ROLLER	1	
14-2	VMB3220	TENSION LEG SPRING	1	
14-3	VXA6173	MAGNET HOLDER NU	1	
15	VXA5791	TENSION LEG SPRING ASS'Y	1	
16	VXL2812	S1 LOADING ARM ASS'Y	1 (M)	
17	VMD2533	LOADING RAIL	1	
18	VXA6088	T1 BOAT ASS'Y	1 (M)	
19	VHD0561	HEX SCREW	1	
20	VXA6025	S POST BASE A ASS'Y	1 (M)	
21	VXP1683	T4 CONNECTION GEAR ASS'Y	1	
22	VXL2772	T4 ARM ASS'Y	1	
23	VMB2950	T4 THRUST SPRING	1	
24	VXL2842	T LOADING ARM N ASS'Y	1	
25	VMS5906	T3 UPPER FRANGE	1	
26	VMS5905	T3 SLEEVE	1	
27	VMS5904	T3 LOWER FRANGE	1	
28	VMB2929	T3 SPRING	1	
29	VMB2933	PINCH RELEASE SPRING	1	
30	VEK7927	INSULATION SENSOR	1	
31	VEK7691	LED HOLDER ASS'Y	1	
32	VMA9411	PINCH SOLENOID ANGLE	1	
33	VXA5820	TENSION SENSOR ASS'Y	1	
34	VXL2835	PINCH ARM ASS'Y	1 (M)	
35	VXL2588	PINCH GUIDE ARM ASS'Y	1	
36	VXA5570	T SECTOR GEAR ASS'Y	1	
37	VXL2838	TENSION LEG. GUIDE ASS'Y	1	
38	VXA5567	S SECTOR GEAR ASS'Y	1	
39	VXA5564	T4 SECTOR GEAR ASS'Y	1	
40	VXA5563	MAIN ROD ASS'Y	1	
41	VXA5627	THRUST SHAFT HOLDER ASS'Y	1	
42	VDG1166	MOTOR WARM GEAR	1	
43	VDG1268	MOTOR EMERGENCY GEAR A(A)	1	
44	VDG1267	MOTOR EMERGENCY GEAR B(A)	1	
45	VXL2841	MAIN CAM ARM ASS'Y	1	
46	VDG1168	MAIN CAM GEAR	1 (M)	
47	VMB2937	A/C HEAD ADJUST SPRING	1	
49	VXA5770	T1 GUIDE ASS'Y	1	
50	VMB2934	SPRING	1	
51	VMB3051	CLEANER RETURN SPRING	1	
52	VXA6077	CLEANER BASE 1 ASS'Y	1	
53	VXA6078	CLEANER SOLENOID ASS'Y	1	
53-1	VSJ0226	CLEANER SOLENOID	1 (M)	
53-2	VMA9521	CLEANER SOLENOID BASE	1	
54	VMM0415	CLEANER INSULATION	1	
55	VXQ0556	THRUST SCREW ASS'Y	1 (M)	
56	VMT0871	SILECER A	1	
57	VMT0872	SILECER B	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
61	VHD0356	SCREW	3	
62	XQN2+A3	SCREW	3	
64	XQN2+A35FZ	SCREW	3	
65	XQN2+AM2	SCREW	3	
66	XQN2+AM4	SCREW	1	
67	XQN2+CF3	SCREW	12	
68	XQN2+CF4	SCREW	3	
69	XUC12FP	E-RING	2	
70	XVE2B4FZ	HEX SCREW	3	
71	XVE2B6FP	HEX SCREW	1	
72	XVE2B12FP	HEX SCREW	1	
73	VXQ0439	SCREW	3	
74	VMX0967	CUT WASHER	3	
75	VMX1061	WASHER	3	
76	VMX1079	CUT WASHER	1	
77	XWA2B	WASHER	4	
78	XWE2	WASHER	2	
79	XWE16VW	WASHER	1	
80	XXE2A6FP	HEX SCREW	1	
81	XWG2	WASHER	3	
82	XWGV15Z32G	WASHER	2	
83	VHD0045	NYLON NUT	1	
84	VHN0312	NUT	2	
85	XQN2+A03.5FZ	SCREW	1	
86	XQN2+AJ5	SCREW	1	
87	XQN2+A1.5	SCREW	4	
88	XQN2+AM4	SCREW	1	
89	VMX1394	CUT WASHER	1	
*	VXY1300Z1	MECHANISM	1 (M)	



# MECHANICAL CHASSIS ASSEMBLY (2)

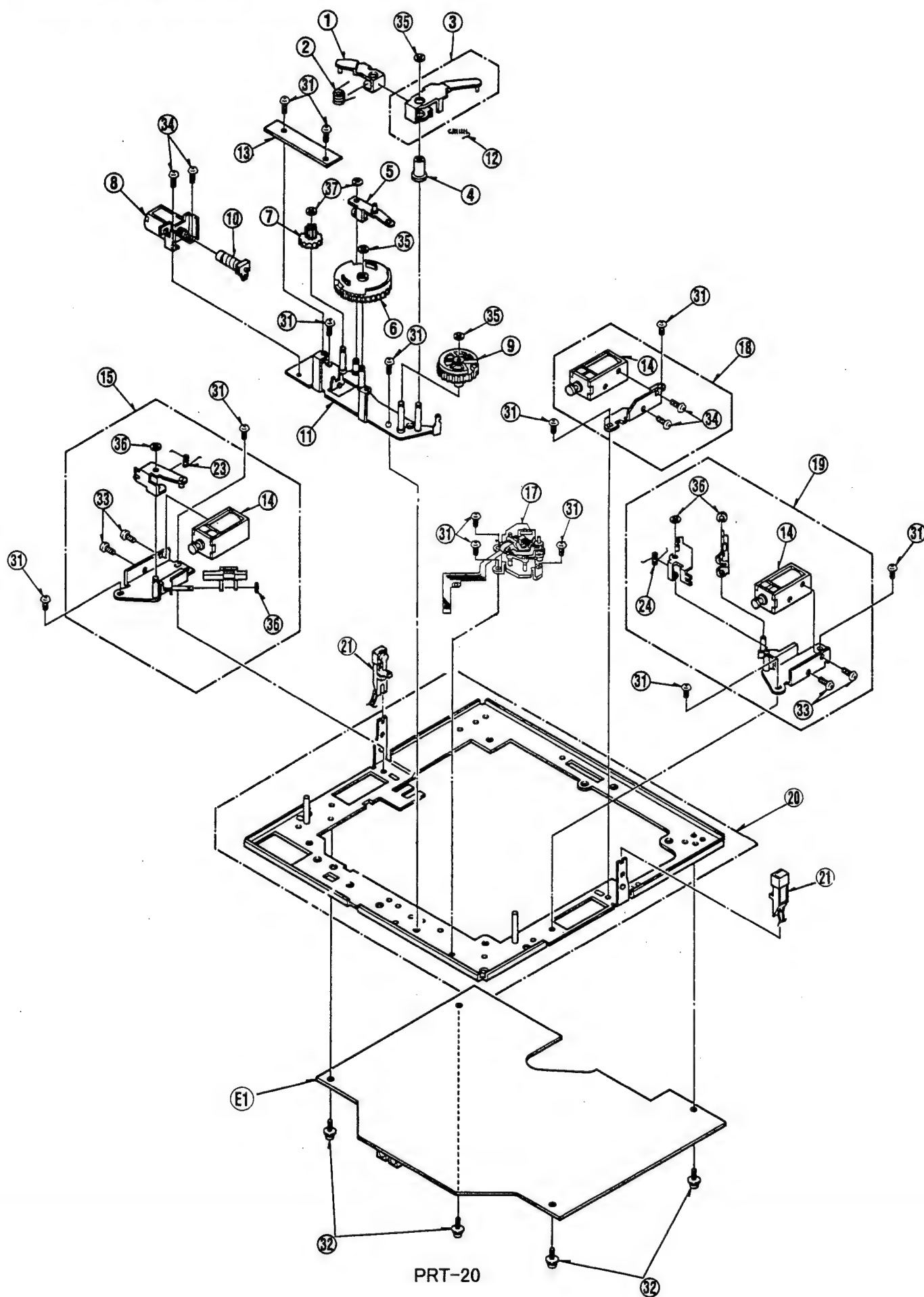
Components identified with the mark  have the special characteristics for safety.  
When replacing any of these components, use only the same type.




## AJ-DE77E

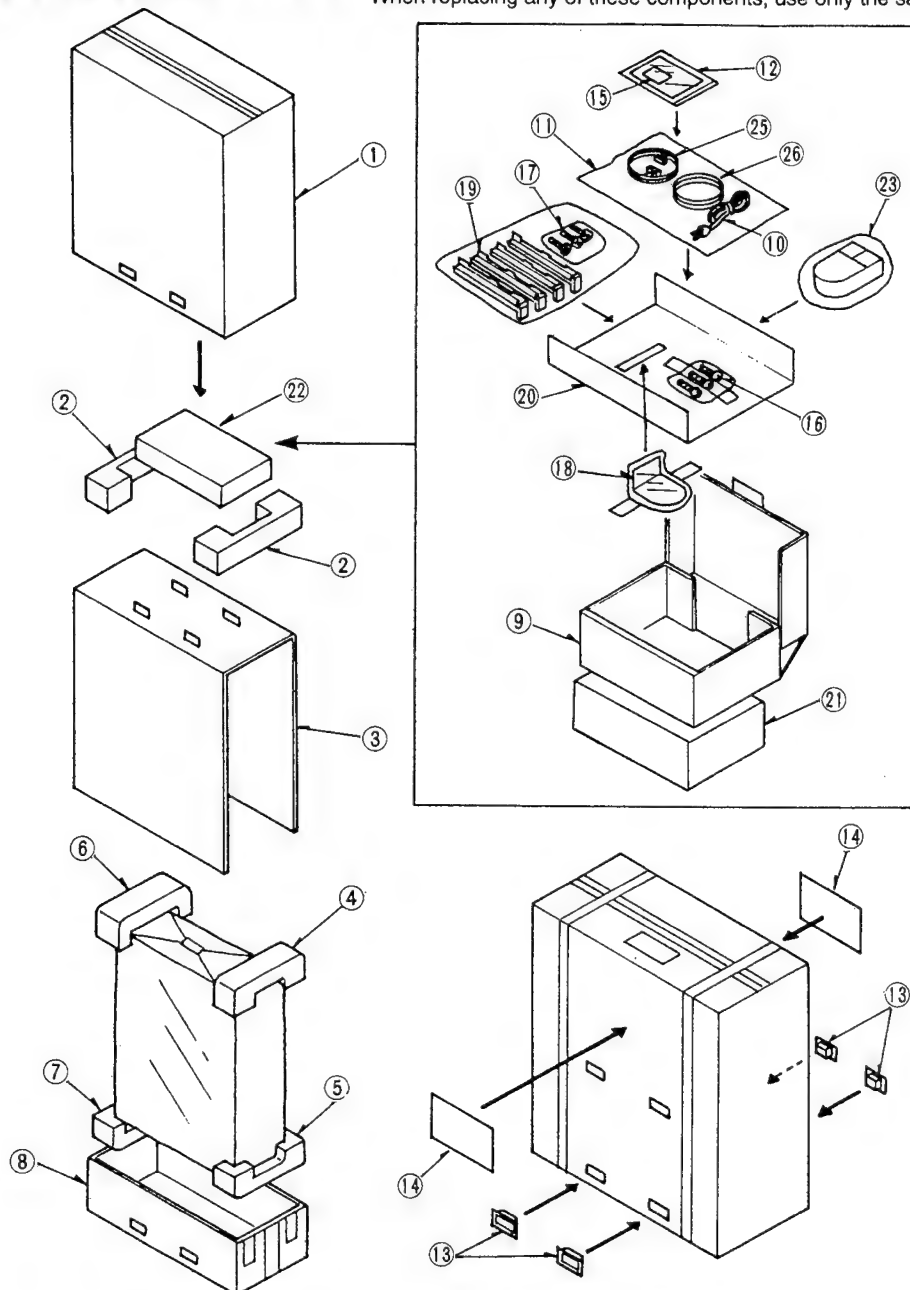
PRT-19

# SUB CHASSIS ASSEMBLY





# PACKING PARTS ASSEMBLY

Components identified with the mark  have the special characteristics for safety. When replacing any of these components, use only the same type.



## PACKING

AJ-DE77E

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VPG9132	PACKING CASE (T)	1	
2	VPK2090	CUSHION	2	
3	VPN4734	TOP PAD	1	
4	VPN4730	CUSHION (F.T)	1	
5	VPN4731	CUSHION (F.B)	1	
6	VPN4732	CUSHION (B.F)	1	
7	VPN4733	CUSHION (B.B)	1	
8	VPG9133	PACKING CASE (B)	1	
9	VPK2091	ACCESSORY BOX	1	
 10	VJA0774	POWER CODE	1	
10	VJA0775	POWER CODE	1	
11	VPF0533	AIR CAP	3	
 12	VOT7642	OPERATING INSTRUCTION	1	
13	PP-901WP	JOINT	4	
14	VQL8470	PACKING LABEL	2	
15	VXF0159	EMERGENCY EJECT U.	1	
16	XSB4+8FZS	SCREW	8	
17	XSN6-32+48	SCREW	36	
18	VMP5633	SAFETY ANGLE	4	
19	VGO4660	HDD GUIDE RAIL	12	
20	VPN4847	FIXING SHEET	1	
21	VEK8363	KEY BOARD	1	
22	VPK2091	ACCESSORY PAD	1	
23	VEK8260	MOUSE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
24	VOT7644	SET UP MANUAL	1	
25	VEE0B48	D.SUB 60P CABLE	1	
26	VEE0B48	VGA CABLE	1	

# ELECTRICAL REPLACEMENT PARTS LIST

AJ-DE77E

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■	VEP80A20A	VTR MOTHER P.C. BOARD	1	(RTL)	■	VEK8248	SCSI P.C. BOARD	1	(RTL)
■	VEP82213C	F1 SERVO P.C. BOARD	1	(RTL)	■	VEK8249	SVGA P.C. BOARD	1	(RTL)
■	VEP86146K	F2 SYSCON P.C. BOARD	1	(RTL)	■	VEK8247	REMOTE I/O P.C. BOARD	1	(RTL)
■	VEP83387A	F3 4X I/F P.C. BOARD	1	(RTL)	■	VEK8255	EDO-SIM P.C. BOARD	1	(RTL)
■	VEP83370A	F3 SUB P.C. BOARD	1	(RTL) FOR VEP83387A					
■	VEP83221H	F4 V OUT P.C. BOARD	1	(RTL)					
■	VEP84292C	F6 PROC P.C. BOARD	1	(RTL)					
■	VEP84308A	MONI SUB P.C. BOARD	1	(RTL)					
■	VEP85166A	H3/4 EQ1/EQ2 P.C. BOARD	1	(RTL)					
■	VEP85169A	H3/4 SUB P.C. BOARD	1	(RTL) FOR VEP85166A					
■	VEP84182B	H5 CUE/EERASE P.C. BOARD	1	(RTL)					
■	VEP85167A	H1/2 DA P.C. BOARD	1	(RTL)					
■	VEP84298A	H6 A DA P.C. BOARD	1	(RTL)					
■	VEP85162A	RF MOTHER P.C. BOARD	1	(RTL)					
■	VEP85159A	HEAD BUFF1 P.C. BOARD	1	(RTL)					
■	VEP85160A	HEAD BUFF2 P.C. BOARD	1	(RTL)					
■	VEP83418C	4X MAIN P.C. BOARD	1	(RTL)					
■	VEP80A58A	POWER CONNECTION P.C.B.	1	(RTL)					
■	VEP81183A	POWER1 P.C. BOARD	1	(RTL)					
■	VEP81184B	POWER2 P.C. BOARD	1	(RTL)					
■	VEP83390A	VTR JACK P.C. BOARD	1	(RTL)					
■	VEP84306B	V REAR (2) P.C. BOARD	1	(RTL)					
■	VEP80A56A	FAN SENSOR P.C. BOARD	1	(RTL)					
■	VEP80A63A	FAN I/F P.C. BOARD	1	(RTL)					
■	VEP80A70A	PC POWER SW P.C. BOARD	1	(RTL)					
■	VEP80A71A	PC R FAN I/F P.C. BOARD	1	(RTL)					
■	VEP83361B	PCI I/F P.C. BOARD	1	(RTL)					
■	VEP83392A	TRV I/F P.C. BOARD	1	(RTL)					
■	VEP82216A	MECA I/F P.C. BOARD	1	(RTL)					
■	VEP80856A	CARRIGE P.C. BOARD	1	(RTL)					
■	VEP80A57A	HEAD PHONE P.C. BOARD	1	(RTL)					
■	VEP80A61A	AC HEAD I/F P.C. BOARD	1	(RTL)					
■	VEP80A62A	RESET SW P.C. BOARD	1	(RTL)					
■	VEP80A72A	MAIN POWER LED P.C. BOARD	1	(RTL)					
■	VEP80A50A	EJECT P.C. BOARD	1	(RTL)					
■	VEP80A51A	FRONT LED P.C. BOARD	1	(RTL)					
■	VEK8254	CPU P.C. BOARD	1	(RTL) WITHOUT CPU					
■	80521-200256	CPU	1						
■	VEK8245	TRV P.C. BOARD	1	(RTL)					



AJ-DE77E  
VEP80A20A / VEP82213C

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	■ VEP80A20A	VTR MOTHER P.C.BOARD	1	(RTL)
P01-18	VJS3814	CONNECTOR (FEMALE)	18	
P19	VJP1233R	CONNECTOR (MALE)	1	
P20	VJP1233G	CONNECTOR (MALE)	1	
P21, 22	VJP1233T	CONNECTOR (MALE) 6P	2	
P23	VJP1236R	CONNECTOR (MALE)	1	
P24	VJP1236T	CONNECTOR (MALE) 9P	1	
P25	VJP3440A020	CONNECTOR (MALE)	1	
P26	VJP3418A032	CONNECTOR (MALE)	1	
P27	VJP2891A030	CONNECTOR (MALE)	1	
P28	VJP3418A080	CONNECTOR (MALE)	1	
P29	VJP2741A026	CONNECTOR (MALE)	1	
P30	VJP2540A026	CONNECTOR (MALE)	1	
P31	VJP2741B014	CONNECTOR (MALE)	1	
P32	VJP2891A016	CONNECTOR (MALE)	1	
P33	VJP3440A012	CONNECTOR (MALE)	1	
P34	VJP2824B008	CONNECTOR (MALE)	1	
P35	VJP2824B009	CONNECTOR (MALE)	1	
P36	VJP2824A003	CONNECTOR (MALE) 3P	1	
P37	VJP1243T	CONNECTOR (MALE) 3P	1	
P38	VJP3098A020	CONNECTOR (MALE)	1	
P39	VJS2899A048	CONNECTOR (FEMALE)	1	
P40	VJP2824A008	CONNECTOR (MALE)	1	
P41	VJP1244T	CONNECTOR (MALE) 4P	1	
P42	VJP1232T	CONNECTOR (MALE) 5P	1	
P43	VJP1233T	CONNECTOR (MALE) 6P	1	
P44	VJP1230T	CONNECTOR (MALE) 3P	1	
P45	VJP3078	CONNECTOR (MALE)	1	
P46	VJP1230R	CONNECTOR (MALE)	1	
		MISCELLANEOUS		
	VEK8258	CPU FAN SET	1	
	VMP5539	CONNECTOR HOLDER ANGLE A	2	
	VMP5540	CONNECTOR HOLDER ANGLE B	2	
	VMP5541	CONNECTOR HOLDER ANGLE C	1	
	XYE3+EF8FZ	SCREW	10	
	■ VEP82213C	F1 SERV0 P.C.BOARD	1	(RTL)
C1, C2	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C3	ECEV1CV220Q	E.CAPACITOR CH 16V 22U	1	
C4	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C5, C6	ECEV1CV220Q	E.CAPACITOR CH 16V 22U	2	
C7	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	1	
C8, C9	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C10	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C11, 12	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C13	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C14	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C15	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	1	
C30-34	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	5	
C35	ECEV1EV330Q	E.CAPACITOR CH 25V 33U	1	
C36-38	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C39	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C40, 41	ECUX1C333KBV	C.CAPACITOR CH 16V 0.033U	2	
C42-45	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C60, 61	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C63-74	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	12	
C80, 81	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
C82	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C83	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C84	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C85, 86	ECEV1EV330Q	E.CAPACITOR CH 25V 33U	2	
C87	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C88	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C89, 90	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C91	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C92, 93	ECEV1EV330Q	E.CAPACITOR CH 25V 33U	2	
C94-96	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C120, 21	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
C123	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C124, 25	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	2	
C126	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C127, 28	ECEV1EV330Q	E.CAPACITOR CH 25V 33U	2	
C129, 30	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C131, 32	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
C133, 34	ECEV1EV330Q	E.CAPACITOR CH 25V 33U	2	
C135, 36	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C160, 61	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
C162	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C163, 64	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	2	
C165	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C166, 67	ECEV1EV330Q	E.CAPACITOR CH 25V 33U	2	
C168	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C170, 71	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
C172	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C173, 74	ECEV1EV330Q	E.CAPACITOR CH 25V 33U	2	
C175	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C202, 03	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C204	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C205-07	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C211	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C212, 13	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C214	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C215, 16	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C218, 19	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C230-32	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	3	
C233-36	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C237	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C238	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C239	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C240-43	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C246-51	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	6	
C260, 61	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C263-70	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	8	
C280-86	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	7	
C300	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C303	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C304-07	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C309	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C322	ECUX1C104ZFN	C.CAPACITOR CH 16V 0.1U	1	
C323	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C328	ECUX1C104ZFN	C.CAPACITOR CH 16V 0.1U	1	
C329	ECEV1CV100Q	E.CAPACITOR CH 16V 10U	1	
C333	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C335, 36	ECUX1H080DCV	C.CAPACITOR CH 50V 8P	2	
C337	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C340	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C341	ECA1EXLV101X	E.CAPACITOR 25V 100U	1	
C342, 43	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C344	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	1	
C345	ECA1EXLV101X	E.CAPACITOR 25V 100U	1	
C346	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C347, 48	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C349-53	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	5	
C354	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C355	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C356	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C357	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	1	
C358	ECA1EXLV101X	E.CAPACITOR 25V 100U	1	
C359	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C360	ECA1EXLV101X	E.CAPACITOR 25V 100U	1	
C361	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C362	ECA1EXLV101X	E.CAPACITOR 25V 100U	1	
C380, 81	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C382	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C383	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	1	
C384	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C385, 86	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C387	ECEV1CV470Q	E.CAPACITOR CH 16V 47U	1	
C388	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C389	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1		C526	ECEV1EV330Q	E. CAPACITOR CH 25V 33U	1	
C390	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		C527, 28	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	2	
C391	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1		C529	ECEV1EV330Q	E. CAPACITOR CH 25V 33U	1	
C400	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1		C530-32	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	3	
C401-03	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	3		C533	ECEV1AV330Q	E. CAPACITOR CH 10V 33U	1	
C404-06	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	3		C534	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C407	ECEV1CV1000	E. CAPACITOR CH 16V 10U	1		C535	ECEV1EV330Q	E. CAPACITOR CH 25V 33U	1	
C408	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		C536	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C409-11	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	3		C537	ECEV1HV010Q	E. CAPACITOR CH 50V 1U	1	
C412	ECUM1C224ZV	C. CAPACITOR CH 16V 0.22U	1		C538	ECEV1EV330Q	E. CAPACITOR CH 25V 33U	1	
C413	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		C539	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C414	ECUM1C105KBM	C. CAPACITOR CH 16V 1U	1		C600, 01	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	2	
C415	ECUX1H152KBV	C. CAPACITOR CH 50V 1500P	1		C701-04	ECUX1H472KBV	C. CAPACITOR CH 50V 4700P	4	
C416	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		C705-10	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	6	
C417	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1		C711	ECUX1H102JCV	C. CAPACITOR CH 50V 1000P	1	
C418	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		C712	ECUX1H682KBV	C. CAPACITOR CH 50V 6800P	1	
C419	ECEV1HV470	E. CAPACITOR CH 50V 4.7U	1		C713, 14	ECEV1CV100Q	E. CAPACITOR CH 16V 10U	2	
C420	ECEV1CV1000	E. CAPACITOR CH 16V 10U	1		C715	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	1	
C421	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		C716-18	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	3	
C422	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1		C721	ECUX1H102JCV	C. CAPACITOR CH 50V 1000P	1	
C423	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1		C722	ECUX1H682KBV	C. CAPACITOR CH 50V 6800P	1	
C424-27	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	4		C723, 24	ECEV1CV100Q	E. CAPACITOR CH 16V 10U	2	
C428, 29	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2		C725	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	1	
C430	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		C726-30	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	5	
C431	ECEV1CV100Q	E. CAPACITOR CH 16V 10U	1		C735, 36	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	2	
C432-34	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	3		C738	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C450	ECUX1E223KBV	C. CAPACITOR CH 25V 0.023U	1		C742, 43	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	2	
C451, 52	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	2		C744	ECUM1C224ZV	C. CAPACITOR CH 16V 0.22U	1	
C453, 54	ECUM1E473KBN	C. CAPACITOR CH 25V 0.047U	2		C801	ECUX1H102JCV	C. CAPACITOR CH 50V 1000P	1	
C455	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C802	ECUX1H682KBV	C. CAPACITOR CH 50V 6800P	1	
C456	ECEV1HV2R2Q	E. CAPACITOR CH 50V 2.2U	1		C803, 04	ECEV1CV100Q	E. CAPACITOR CH 16V 10U	2	
C457	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C805	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	1	
C458, 59	ECEV1HV2R2Q	E. CAPACITOR CH 50V 2.2U	2		C806	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C460	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		C811	ECUX1H102JCV	C. CAPACITOR CH 50V 1000P	1	
C461	ECUM1E473KBN	C. CAPACITOR CH 25V 0.047U	1		C813, 14	ECEV1CV100Q	E. CAPACITOR CH 16V 10U	2	
C462	ECUX1H472KBV	C. CAPACITOR CH 50V 4700P	1		C815	ECUX1C104ZV	C. CAPACITOR CH 16V 0.1U	1	
C463	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1		C816	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C464	ECUX1H472KBV	C. CAPACITOR CH 50V 4700P	1		C827, 28	ECUX1H050CCV	C. CAPACITOR CH 50V 5P	2	
C465	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1		C829-31	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	3	
C466	ECUX1H472KBV	C. CAPACITOR CH 50V 4700P	1						
C467	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1		D1, D2	MA147	DIODE	2	
C468, 69	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2		D3, D4	MA8075-H	DIODE	2	
C470	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		D30, 31	MA8030	DIODE	2	
C471	ECEV1CV100Q	E. CAPACITOR CH 16V 10U	1		D32	MA8047-H	DIODE	1	
C472	ECUM1C474KBM	C. CAPACITOR CH 16V 0.47U	1		D33-35	MA142K	DIODE	3	
C473	ECUX1E223KBV	C. CAPACITOR CH 25V 0.023U	1		D80-83	MA147	DIODE	4	
C474, 75	ECUM1E473KBN	C. CAPACITOR CH 25V 0.047U	2		D120-23	MA147	DIODE	4	
C476	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		D160-63	MA147	DIODE	4	
C477, 78	ECEV1HV2R2Q	E. CAPACITOR CH 50V 2.2U	2		D201	MA142K	DIODE	1	
C479	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		D202	MA8047-H	DIODE	1	
C480	ECEV1HV2R2Q	E. CAPACITOR CH 50V 2.2U	1		D203	MA142K	DIODE	1	
C481	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1		D204, 05	MA8047-H	DIODE	2	
C482	ECUM1E473KBN	C. CAPACITOR CH 25V 0.047U	1		D206-08	MA142K	DIODE	3	
C483	ECUX1H472KBV	C. CAPACITOR CH 50V 4700P	1		D300-02	LN1251CAL	DIODE	3	
C484	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1		D340	MA728	DIODE	1	
C485	ECUX1H472KBV	C. CAPACITOR CH 50V 4700P	1		D341	MA736	DIODE	1	
C486	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1		D342	MA728	DIODE	1	
C487	ECUX1H472KBV	C. CAPACITOR CH 50V 4700P	1		D343	MA736	DIODE	1	
C488	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1		D344	MA8039-L	DIODE	1	
C489, 90	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2		D380	MA728	DIODE	1	
C491	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		D381	MA736	DIODE	1	
C492	ECEV1CV100Q	E. CAPACITOR CH 16V 10U	1		D382	MA728	DIODE	1	
C493	ECUM1C474KBM	C. CAPACITOR CH 16V 0.47U	1		D383	MA736	DIODE	1	
C510	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		D400-05	MA738	DIODE	6	
C511	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1		D406, 07	MA8047-H	DIODE	2	
C512, 13	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	2		D408-13	MA738	DIODE	6	
C514	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1		D450	MA142K	DIODE	1	
C515	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		D451-56	MA738	DIODE	6	
C516	ECEV1EV330Q	E. CAPACITOR CH 25V 33U	1		D457	MA142K	DIODE	1	
C517-19	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	3		D458-63	MA738	DIODE	6	
C520	ECEV1EV330Q	E. CAPACITOR CH 25V 33U	1		D510-13	MA701A	DIODE	4	
C521	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		D514-19	MA704A	DIODE	6	
C522, 23	ECEV1HV010Q	E. CAPACITOR CH 50V 1U	2		D701-07	MA142K	DIODE	7	
C524	ECEV1EV330Q	E. CAPACITOR CH 25V 33U	1		D711-14	MA147	DIODE	4	
C525	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		D715	MA142K	DIODE	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
FL320, 21	VLF0576	FILTER	2	
FL510-15	VLF0576	FILTER	6	
IC1	TC7WU04F	IC	1	
IC2	UPC4082G2	IC	1	
IC3	TC4052BF	IC	1	
IC30	UPC4082G2	IC	1	
IC31	NJM4580ED	IC	1	
IC32	AD633JR	IC	1	
IC33	UPC4082G2	IC	1	
IC34	TCVHC74FS	IC	1	
IC35	TC7W00F	IC	1	
IC60, 61	MC74HC08AF	IC	2	
IC63-66	TCVHC74FS	IC	4	
IC67	MC74HC157AF	IC	1	
IC68	T74HC191AF	IC	1	
IC69	MC74HC32AF	IC	1	
IC70	MC74HC86F	IC	1	
IC71	MC74HC04AF	IC	1	
IC72	TCVHC74FS	IC	1	
IC73	TCVHC11FS	IC	1	
IC74	MC74HC27F	IC	1	
IC80, 81	UPC4741G2	IC	2	
IC82	NJM2901M	IC	1	
IC83	MC74HC4050F	IC	1	
IC120, 21	UPC4741G2	IC	2	
IC160	NJM2903M	IC	1	
IC161, 62	UPC4741G2	IC	2	
IC200	AD6408BR	IC	1	
IC201	AD7896AR	IC	1	
IC202	AD7943BR	IC	1	
IC203	SMP08FS	IC	1	
IC204	TCVHC244FS	IC	1	
IC207	UPC4082G2	IC	1	
IC230	MC68332CFC25	IC	1	
IC231	TL7705CPSB	IC	1	
IC235	VSI2468	IC	1	
IC236, 37	74AC74SJ	IC	2	
IC240	74AC08SJ	IC	1	
IC241	MC74HC244AF	IC	1	
IC260, 61	Y7C18525SC	IC	2	
IC262	IDT71321A55	IC	1	
IC263, 64	SN74S1051NS	IC	2	
IC265	TCVHC175FS	IC	1	
IC266	TCVHC164FS	IC	1	
IC267	TCVHC273FS	VHC	1	
IC268	MC74HC74AF	IC	1	
IC269	MC74HC86F	IC	1	
IC280	TCVHC244FS	IC	1	
IC281	MC74HC151F	IC	1	
IC282	SLA909SF1G	IC	1	
IC300	TE7751	IC	1	
IC301, 02	MC74HC244AF	IC	2	
IC304, 05	MC74HC244AF	IC	2	
IC324	T74VHCU04F	IC	1	
IC325	74AC74SJ	IC	1	
IC340	TL1451CNS	IC	1	
IC341	UPC393G2	IC	1	
IC342	NJM4580ED	IC	1	
IC400, 01	AN3890FBS	IC	2	
IC402	NJM4580ED	IC	1	
IC403	NJM2903M	IC	1	
IC404	NJM4580ED	IC	1	
IC450, 51	AN3834S	IC	2	
IC452	UPC4558G2	IC	1	
IC510, 11	NJM78L09UA	IC	2	
IC512, 13	NJM79L09UA	IC	2	
IC514	XC62AP5002P	IC	1	
IC515, 16	XC62AP3002P	IC	2	
IC517	NJM79L05UA	IC	1	
IC600	NJM2903M	IC	1	
IC701, 02	UPC4741G2	IC	2	
IC703	MC14052BF	IC	1	
IC704	UPC4082G2	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC705, 06	TC7WU04F	IC	2	
IC708	TCVHC14FS	IC	1	
IC711	TCVHC74FS	IC	1	
IC712	MC74HC74AF	IC	1	
IC713, 14	SC371025AVFU	IC	2	
IC715	TCVHC157FS	IC	1	
IC716	TC7WU04F	IC	1	
IC717	TCVHC32FS	IC	1	
IC801	MC74HC244AF	IC	1	
IC811, 12	SC371025AVFU	IC	2	
IC821	MC14053BF	IC	1	
IS235	VJS3096640	CONNECTOR (FEMALE)	1	
L230, 31	VL00576	COIL	2	
L340	VL00504331K	COIL 330UH	1	
L341	VL00407120M	COIL 12UH	1	
L342	VL00504331K	COIL 330UH	1	
L380	VL00407120M	COIL 12UH	1	
L381, 82	VL00504331K	COIL 330UH	2	
L510	VLP0133	COIL	1	
P1, P2	VJP3454B096	CONNECTOR (MALE)	2	
Q1	2SD601A-R	TRANSISTOR	1	
Q2, Q3	2SB709A-R	TRANSISTOR	2	
Q4	2SD601A-R	TRANSISTOR	1	
Q5	2SB709A-R	TRANSISTOR	1	
Q6	2SD601A-R	TRANSISTOR	1	
Q340, 41	2SB1174-Q	TRANSISTOR	2	
Q380, 81	2SB1174-Q	TRANSISTOR	2	
Q400	PU3210	TRANSISTOR	1	
Q401	PU3110	TRANSISTOR	1	
Q402	PU3210	TRANSISTOR	1	
Q403	PU3110	TRANSISTOR	1	
Q510, 11	2SD601A-R	TRANSISTOR	2	
QR1	UN5213	TRANSISTOR-RESISTOR	1	
QR2	UN5113	TRANSISTOR-RESISTOR	1	
QR3	UN5215	TRANSISTOR-RESISTOR	1	
QR4	UN5115	TRANSISTOR-RESISTOR	1	
QR5, R6	UN5213	TRANSISTOR-RESISTOR	2	
QR7, R8	UN5113	TRANSISTOR-RESISTOR	2	
QR30	UN5213	TRANSISTOR-RESISTOR	1	
QR81, 82	UN5213	TRANSISTOR-RESISTOR	2	
QR83	UN5113	TRANSISTOR-RESISTOR	1	
QR84	UN5213	TRANSISTOR-RESISTOR	1	
QR85	UN5113	TRANSISTOR-RESISTOR	1	
QR120	UN5213	TRANSISTOR-RESISTOR	1	
QR121	UN5113	TRANSISTOR-RESISTOR	1	
QR122	UN5213	TRANSISTOR-RESISTOR	1	
QR123	UN5113	TRANSISTOR-RESISTOR	1	
QR124	UN5213	TRANSISTOR-RESISTOR	1	
QR160	UN5213	TRANSISTOR-RESISTOR	1	
QR161	UN5113	TRANSISTOR-RESISTOR	1	
QR162	UN5213	TRANSISTOR-RESISTOR	1	
QR163	UN5113	TRANSISTOR-RESISTOR	1	
QR164	UN5213	TRANSISTOR-RESISTOR	1	
QR340, 41	UN5111	TRANSISTOR-RESISTOR	2	
QR400	UN5213	TRANSISTOR-RESISTOR	1	
QR401	UN5113	TRANSISTOR-RESISTOR	1	
QR600	UN5217	TRANSISTOR-RESISTOR	1	
QR601	UN5211	TRANSISTOR-RESISTOR	1	
QR701	UN5213	TRANSISTOR-RESISTOR	1	
R1-R3	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	3	
R4	ERJ3RBD471	M.RESISTOR CH 3W 470	1	
R5	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R6	ERJ3RBD471	M.RESISTOR CH 3W 470	1	
R7	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R8	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R9, 10	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R11	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R12, 13	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R14	ERJ3GEYJ274	M.RESISTOR CH 1/16W 270K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R15	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1		R162, 63	ERJ3RBD223	M.RESISTOR CH 3W 22K	2	
R16	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1		R164	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R17	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1		R165	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
R18	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1		R166	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R19, 20	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2		R167	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
R21	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1		R168, 69	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R32	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R170, 71	ERJ3RED224	M.RESISTOR CH 3W 220K	2	
R33	ERJ3RBD122	M.RESISTOR CH 3W 1.2K	1		R172	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R34	ERJ3RBD563	M.RESISTOR CH 3W 56K	1		R173	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R35	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1		R174	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R36	ERJ6RBD562	M.RESISTOR CH 1/10W 5.6K	1		R175	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R37	ERJ3RBD823	M.RESISTOR CH 3W 82K	1		R176	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R38, 39	ERJ3RBD222	M.RESISTOR CH 3W 2.2K	2		R177, 78	ERJ3GEYJ154	M.RESISTOR CH 1/16W 150K	2	
R40	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1		R179, 80	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R41	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1		R181, 82	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R42	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1		R183, 84	ERJ3RED224	M.RESISTOR CH 3W 220K	2	
R43-45	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3		R185	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R48	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R186	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R49	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1		R187	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R50	ERJ3RBD471	M.RESISTOR CH 3W 470	1		R188	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R51	ERJ3RBD562	M.RESISTOR CH 3W 5.2K	1		R189	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R52	ERJ3RBD471	M.RESISTOR CH 3W 470	1		R203	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R53	ERJ3RBD823	M.RESISTOR CH 3W 82K	1		R204, 05	ERJ3RBD332	M.RESISTOR CH 3W 3.3K	2	
R54	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1		R206	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R55	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1		R214	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R56-58	ERJ3GEYJ0R00	M.RESISTOR CH 1/16W 0	3		R215, 16	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	2	
R59	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R217, 18	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R60	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1		R222	ERJ3GEYJ0R00	M.RESISTOR CH 1/16W 0	1	
R61-66	ERJ3GEYJ0R00	M.RESISTOR CH 1/16W 0	6		R234	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R69-77	ERJ3GEYJ0R00	M.RESISTOR CH 1/16W 0	9		R235-43	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	9	
R80, 81	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2		R244	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R82, 83	ERJ3RBD223	M.RESISTOR CH 3W 22K	2		R245	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R84	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1		R246	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R85	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R247	ERJ3GEYJ0R00	M.RESISTOR CH 1/16W 0	1	
R86	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1		R248-51	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	4	
R87, 88	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2		R259, 60	ERJ3GEYJ0R00	M.RESISTOR CH 1/16W 0	2	
R89, 90	ERJ3RED224	M.RESISTOR CH 3W 220K	2		R261	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R91, 92	ERJ3GEYJ154	M.RESISTOR CH 1/16W 150K	2		R262	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R93	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1		R263, 64	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R94	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1		R265	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R95	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1		R266	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R96	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1		R267-69	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R97	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1		R270	ERJ3GEYJ0R00	M.RESISTOR CH 1/16W 0	1	
R98, 99	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2		R275-78	ERJ3GEYJ0R00	M.RESISTOR CH 1/16W 0	4	
R100, 01	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2		R280	ERJ3GEYJ0R00	M.RESISTOR CH 1/16W 0	1	
R102, 03	ERJ3RED224	M.RESISTOR CH 3W 220K	2		R281, 82	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	2	
R104	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1		R283-85	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R105	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1		R300	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R106	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1		R301	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R107	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1		R305	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R108	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1		R314-16	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	3	
R109	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R318, 19	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R120, 21	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2		R330	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R122, 23	ERJ3RBD223	M.RESISTOR CH 3W 22K	2		R331	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R124	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R332	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R125	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1		R340	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R126	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R341	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R127	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1		R342	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R128, 29	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2		R343	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
R130, 31	ERJ3RED224	M.RESISTOR CH 3W 220K	2		R344	ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R132, 33	ERJ3GEYJ154	M.RESISTOR CH 1/16W 150K	2		R345	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R134	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R346	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R135	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1		R347	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R136	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1		R348	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R137	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1		R349	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R138	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1		R350	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R139, 40	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2		R351-53	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R141, 42	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2		R354	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R143, 44	ERJ3RED224	M.RESISTOR CH 3W 220K	2		R355	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R145	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R356	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R146	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1		R357	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R147	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1		R358	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R148	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1		R359	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R149	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1		R360	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R160, 61	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2		R361	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	



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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R362, 63	ERJ3GEYJ104	W.RESISTOR CH 1/16W 100K	2	
R364	ERJ3GEYJ183	W.RESISTOR CH 1/16W 18K	1	
R365	ERJ3GEYJ474	W.RESISTOR CH 1/16W 470K	1	
R366	ERJ3GEYJ153	W.RESISTOR CH 1/16W 15K	1	
R367	ERJ3GEYJ103	W.RESISTOR CH 1/16W 10K	1	
R368	ERJ3GEYJ102	W.RESISTOR CH 1/16W 1K	1	
R369	ERJ6GEYG331	W.RESISTOR CH 1/10W 330	1	
R370	ERJ3GEYJ103	W.RESISTOR CH 1/16W 10K	1	
R371	ERJ3GEYJ563	W.RESISTOR CH 1/16W 56K	1	
R372	ERJ6GEYJ471	W.RESISTOR CH 1/10W 470	1	
R373	ERJ6GEYG122	W.RESISTOR CH 1/10W 1.2K	1	
R374, 75	ERJ3GEYOR00	W.RESISTOR CH 1/16W 0	2	
R380	ERJ6GEYG102	W.RESISTOR CH 1/10W 1K	1	
R381	ERJ6GEYG681	W.RESISTOR CH 1/10W 680	1	
R382	ERJ6GEYJ471	W.RESISTOR CH 1/10W 470	1	
R383	ERJ6GEYG102	W.RESISTOR CH 1/10W 1K	1	
R384	ERJ6GEYG681	W.RESISTOR CH 1/10W 680	1	
R385	ERJ6GEYJ471	W.RESISTOR CH 1/10W 470	1	
R400, 01	ERJ3GEYJ471	W.RESISTOR CH 1/16W 470	2	
R402	ERJ3RBD333	W.RESISTOR CH 3W 33K	1	
R403	ERJ3RBD222	W.RESISTOR CH 3W 2.2K	1	
R404, 05	ERJ12YJR68	W.RESISTOR CH 1/2W 0.68	2	
R406, 07	ERJ3GEYJ274	W.RESISTOR CH 1/16W 270K	2	
R408	ERJ3GEYJ222	W.RESISTOR CH 1/16W 2.2K	1	
R409	ERJ3GEYJ154	W.RESISTOR CH 1/16W 150K	1	
R410	ERJ3GEYJ272	W.RESISTOR CH 1/16W 2.7K	1	
R411	ERJ3GEYJ274	W.RESISTOR CH 1/16W 270K	1	
R412	ERJ3GEYJ272	W.RESISTOR CH 1/16W 2.7K	1	
R413	ERJ3GEYJ273	W.RESISTOR CH 1/16W 27K	1	
R414, 15	ERJ3RBD223	W.RESISTOR CH 3W 22K	2	
R416	ERJ3GEYJ122	W.RESISTOR CH 1/16W 1.2K	1	
R417	ERJ3GEYJ224	W.RESISTOR CH 1/16W 220K	1	
R418	ERJ3RBD272	W.RESISTOR CH 3W 2.7K	1	
R420	ERJ3GEYG472	W.RESISTOR CH 1/16W 4.7K	1	
R421	ERJ3GEYJ274	W.RESISTOR CH 1/16W 270K	1	
R422	ERJ3GEYJ272	W.RESISTOR CH 1/16W 2.7K	1	
R423	ERJ3GEYOR00	W.RESISTOR CH 1/16W 0	1	
R424, 25	ERJ3GEYJ223	W.RESISTOR CH 1/16W 22K	2	
R426	ERJ3RBD333	W.RESISTOR CH 3W 33K	1	
R427	ERJ3RBD222	W.RESISTOR CH 3W 2.2K	1	
R428, 29	ERJ3GEYJ471	W.RESISTOR CH 1/16W 470	2	
R430, 31	ERJ12YJR68	W.RESISTOR CH 1/2W 0.68	2	
R432, 33	ERJ3GEYJ473	W.RESISTOR CH 1/16W 47K	2	
R436, 37	ERJ3GEYOR00	W.RESISTOR CH 1/16W 0	2	
R450	ERJ3RBD472	W.RESISTOR CH 1/10W 4.7K	1	
R451	ERJ3RBD122	W.RESISTOR CH 3W 1.2K	1	
R452	ERJ3GEYJ102	W.RESISTOR CH 1/16W 1K	1	
R453-55	ERJ6GEYG330	W.RESISTOR CH 1/10W 33	3	
R456, 57	ERJ12YJ2R2	W.RESISTOR CH 1/2W 2.2	2	
R458	ERJ3GEYJ393	W.RESISTOR CH 1/16W 39K	1	
R459	ERJ3GEYJ123	W.RESISTOR CH 1/16W 12K	1	
R460	ERJ3GEYJ271	W.RESISTOR CH 1/16W 270	1	
R461	ERJ3RBD472	W.RESISTOR CH 1/10W 4.7K	1	
R462	ERJ3RBD122	W.RESISTOR CH 3W 1.2K	1	
R463	ERJ3GEYJ102	W.RESISTOR CH 1/16W 1K	1	
R464, 65	ERJ6GEYG330	W.RESISTOR CH 1/10W 33	2	
R466, 67	ERJ12YJ2R2	W.RESISTOR CH 1/2W 2.2	2	
R468	ERJ3GEYJ393	W.RESISTOR CH 1/16W 39K	1	
R469	ERJ3GEYJ123	W.RESISTOR CH 1/16W 12K	1	
R470	ERJ3GEYJ271	W.RESISTOR CH 1/16W 270	1	
R471	ERJ6GEYG330	W.RESISTOR CH 1/10W 33	1	
R510	ERJ3GEYJ681	W.RESISTOR CH 1/16W 680	1	
R511, 12	ERJ3RBD391	W.RESISTOR CH 3W 390	2	
R513	ERJ3GEYJ681	W.RESISTOR CH 1/16W 680	1	
R514-17	ERJ3RBD391	W.RESISTOR CH 3W 390	4	
R550-59	ERJ3GEYOR00	W.RESISTOR CH 1/16W 0	10	
R601, 02	ERJ3GEYOR00	W.RESISTOR CH 1/16W 0	2	
R603	ERJ3GEYJ101	W.RESISTOR CH 1/16W 100	1	
R605, 06	ERJ3GEYJ101	W.RESISTOR CH 1/16W 100	2	
R621	ERJ3GEYJ153	W.RESISTOR CH 1/16W 15K	1	
R622-27	ERJ3GEYJ103	W.RESISTOR CH 1/16W 10K	6	
R628	ERJ3GEYJ102	W.RESISTOR CH 1/16W 1K	1	
R631, 32	ERJ3GEYJ103	W.RESISTOR CH 1/16W 10K	2	
R640	ERJ3GEYJ103	W.RESISTOR CH 1/16W 10K	1	
R650, 51	ERJ3GEYJ562	W.RESISTOR CH 1/16W 5.6K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R652	ERJ3RBD682	M.RESISTOR CH 3W 6.8K	1	
R653	ERJ3RBD102	M.RESISTOR CH 1/10W 1K	1	
R654	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R655	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R656	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R701-04	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	4	
R705-14	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	10	
R715-17	ERJ3RBD103	M.RESISTOR CH 3W 10K	3	
R718	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R719	ERJ3RBD103	M.RESISTOR CH 3W 10K	1	
R720	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R722-24	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R726	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R727	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R728, 29	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R730, 31	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R736	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R739	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R740, 41	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	2	
R741	02 ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R742-44	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	3	
R745	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R746	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R747-49	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	3	
R750	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R751	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R752, 53	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R761	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R762	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R765, 66	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R769	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R770	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R771	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R772, 73	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R774-76	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R778	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R780	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R781	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R782	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R783, 84	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R793	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R794	ERJ6RBD301	M.RESISTOR CH 1/10W 300	1	
R795	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R797	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R801-05	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	5	
R810, 11	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R814	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R815	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R820-23	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	4	
R840	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R841	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R842, 43	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R861	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R862, 63	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R864	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R865	ERJ6GEYG621	M.RESISTOR CH 1/10W 620	1	
R866, 67	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R871-76	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	6	
R877	ERJ3RBD223	M.RESISTOR CH 3W 22K	1	
TG510, 11	VJR0646	TEST POINT	2	
TP1	VJR0646	TEST POINT	1	
TP2	EYF6CU	TEST POINT	1	
TP30, 31	VJR0646	TEST POINT	2	
TP32, 33	EYF6CU	TEST POINT	2	
TP34, 35	VJR0646	TEST POINT	2	
TP60	EYF6CU	TEST POINT	1	
TP80-83	VJR0646	TEST POINT	4	
TP120-23	VJR0646	TEST POINT	4	
TP160-63	VJR0646	TEST POINT	4	
TP201	VJR0646	TEST POINT	1	
TP230, 31	VJR0646	TEST POINT	2	
TP280-82	VJR0646	TEST POINT	3	
TP300, 01	VJR0646	TEST POINT	2	



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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
TP400, 01	VJR0646	TEST POINT	2		C524	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
TP450, 51	VJR0646	TEST POINT	2		C525	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
TP701-04	EYF6CU	TEST POINT	4		C526, 27	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	2	
TP721-29	VJR0646	TEST POINT	9		C528-35	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	8	
TP731	EYF6CU	TEST POINT	1		C536	ECEVICV100Q	E. CAPACITOR CH 16V 10U	1	
TP732	VJR0646	TEST POINT	1		C537, 38	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	2	
TP734	VJR0646	TEST POINT	1		C543-45	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	3	
TP741-43	EYF6CU	TEST POINT	3		C547	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
TP801-03	EYF6CU	TEST POINT	3		C548	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
TP833	VJR0646	TEST POINT	1		C549, 50	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
TP835	VJR0646	TEST POINT	1		C703-13	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	11	
X320	VSX0645	CRYSTAL OSCILLATOR	1		C714	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
X701	VSX0918	CRYSTAL OSCILLATOR	1		C715, 16	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	2	
X801	VSX0890	CRYSTAL OSCILLATOR	1		C717-21	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	5	
		MISCELLANEOUS			C722, 23	ECUM1H100DCN	C. CAPACITOR CH 50V 10P	2	
					C724, 25	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	2	
					C726	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
					C727	ECUM1H050CCN	C. CAPACITOR CH 50V 5P	1	
	VML2143	CARD PULLER	1		C728	ECEVOJV470Q	E. CAPACITOR CH6.3V 47U	1	
	VML2144	CARD PULLER	1		C729	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
					C730	ECUM1H682KBN	C. CAPACITOR CH 50V 6800P	1	
					C731	ECEVICV100Q	E. CAPACITOR CH 16V 10U	1	
					C732	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
					C733, 34	ECEVIEN4R7Q	E. CAPACITOR CH 25V 4.7U	2	
					C735	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
	VEP86146K	F2 SYSCON P.C. BOARD	1 (RTL)		C736	ECA1CAXN330	E. CAPACITOR 16V 33U	1	
					C737	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
					C738	ECA1CAXN330	E. CAPACITOR 16V 33U	1	
					C739, 40	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C1	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1		C741	ECEVIEN4R7Q	E. CAPACITOR CH 25V 4.7U	1	
C9	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1		C742	ECUM1H120JCN	C. CAPACITOR CH 50V 12P	1	
C10, 11	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	2		C743	ECEVICV100Q	E. CAPACITOR CH 16V 10U	1	
C12	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1		C744, 45	ECEVIEN4R7Q	E. CAPACITOR CH 25V 4.7U	2	
C13	ECQB1H104JF	P. CAPACITOR 50V 0.1U	1		C746	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C14	ECEVIEN4R7Q	E. CAPACITOR CH 25V 4.7U	1		C747-61	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	15	
C15	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1		C762	ECEVICV470Q	E. CAPACITOR CH 16V 47U	1	
C16-26	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	11		C763	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C27	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1		C764	ECEVICV470Q	E. CAPACITOR CH 16V 47U	1	
C29	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1		C765	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C30	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1		C766	ECEVICV470Q	E. CAPACITOR CH 16V 47U	1	
C32-34	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	3		C767	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C35	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1		C768	ECEVICV470Q	E. CAPACITOR CH 16V 47U	1	
C36, 37	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	2		C769	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C38, 39	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2		C770	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C46	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1		C771	ECUM1H821JCN	C. CAPACITOR CH 50V 820P	1	
C47	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1		C772, 73	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C49	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1		C774	ECEVIEN4R7Q	E. CAPACITOR CH 25V 4.7U	1	
C51	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1		C775	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C53	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1		C776	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C55	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1		C777-80	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	4	
C56-58	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	3		C781, 82	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C59, 60	ECEVICV470Q	E. CAPACITOR CH 16V 47U	2		C783	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C65	ECEVICV470Q	E. CAPACITOR CH 16V 47U	1		C784	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C66	ECA12HG682	E. CAPACITOR 6800U	1		C785	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C67	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1		C900, 01	ECEVICV470Q	E. CAPACITOR CH 16V 47U	2	
C68, 69	ECUX1E104KBN	C. CAPACITOR CH 25V 0.1U	2		C902, 03	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	2	
C70, 71	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2		C904-07	ECEVICV470Q	E. CAPACITOR CH 16V 47U	4	
C72	ECEVICV100Q	E. CAPACITOR CH 16V 10U	1						
C73	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1		D1	MA157	D10DE	1	
C74	ECEVICV470Q	E. CAPACITOR CH 16V 47U	1		D2-D5	MA715	D10DE	4	
C76	ECA12HG682	E. CAPACITOR 6800U	1		D8	MA152WK	D10DE	1	
C77, 78	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2		D9	MA3068-H	D10DE	1	
C79	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1		D10	MA3051-H	D10DE	1	
C81	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1		D11	MA3047-M	D10DE	1	
C83	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1		D12	MA3100-M	D10DE	1	
C86, 87	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2		D13	MA3051-H	D10DE	1	
C88-90	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	3		D14	MA3075-M	D10DE	1	
C91, 92	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	2		D15	21DQ04	D10DE	1	
C93	ECEVICV100Q	E. CAPACITOR CH 16V 10U	1		D16	MA3051-H	D10DE	1	
C500, 01	ECUM1H120JCN	C. CAPACITOR CH 50V 12P	2		D17	MA157	D10DE	1	
C502	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1		D18-22	MA152WK	D10DE	5	
C503-06	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	4		D25-27	MA152WK	D10DE	3	
C508-13	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	6		D28-43	MA738	D10DE	16	
C514-19	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	6		D44	MA152WK	D10DE	1	
C520-22	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	3		D45-48	MA738	D10DE	4	
C523	ECUM1H331JCN	C. CAPACITOR CH 50V 330P	1						

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D49, 50	SN74S1051NS	IC	2	
D51	MA3062-L	DIODE	1	
D52	MA3082M	DIODE	1	
D53	MA3075-M	DIODE	1	
D54	MA738	DIODE	1	
D500	MA152WK	DIODE	1	
D503	MA152WK	DIODE	1	
D504, 05	MA715	DIODE	2	
D506	MA152WK	DIODE	1	
D507	MA715	DIODE	1	
D701-06	MA715	DIODE	6	
D709	MA715	DIODE	1	
D711-14	MA157	DIODE	4	
D715	MA152WK	DIODE	1	
D716-19	MA715	DIODE	4	
D720-22	SN74S1051NS	IC	3	
D723, 24	MA715	DIODE	2	
FL701, 02	VLF1016A470	FILTER	2	
FL900-03	VLF1016A470	FILTER	4	
IC1	M37702S4AFP	IC	1	
IC2	VS12469	IC	1	
IC3	74F573SJ	IC	1	
IC4	74F138SJ	IC	1	
IC5	74F573SJ	IC	1	
IC6	TL7705CPSB	IC	1	
IC7	MC74HC132AF	IC	1	
IC8	MC74HC04AF	IC	1	
IC9, 10	74AC32SJ	IC	2	
IC11, 12	74F32SJ	IC	2	
IC13	MC74HC74AF	IC	1	
IC14	74F11SJ	IC	1	
IC15	IDT71321A55	IC	1	
IC16	74F245SJ	IC	1	
IC17	DS1230Y100	IC	1	
IC19, 20	74F541SJ	IC	2	
IC23	74F245SJ	IC	1	
IC24	UPD6456T611Y	IC	1	
IC25	74F138SJ	IC	1	
IC26	MB89363BHPF	IC	1	
IC27, 28	M54649L	IC	2	
IC29	NJM2901M	IC	1	
IC30	NJM2904M	IC	1	
IC31, 32	MC14538BF	IC	2	
IC33	74F32SJ	IC	1	
IC34	74F00SJ	IC	1	
IC35	NJM2901M	IC	1	
IC36, 37	TC7S14F	IC	2	
IC500	HD64180ZRP8	IC	1	
IC501, 02	MC74HC541AF	IC	2	
IC503	VS12470	IC	1	
IC504	K6256CLG7L	IC	1	
IC505	IDT71321A55	IC	1	
IC506	MC74HC138AF	IC	1	
IC507	74F32SJ	IC	1	
IC508	MC74HC00AF	IC	1	
IC509	T74HC191AF	IC	1	
IC510	Z84C4310FEC	IC	1	
IC511, 12	MC74HC126AF	IC	2	
IC513, 14	MC34051M	IC	2	
IC515	MC1488M	IC	1	
IC516	MC1489AM	IC	1	
IC517	MC14024BF	IC	1	
IC518	MB89363BPF	IC	1	
IC519, 20	MC14021BF	IC	2	
IC521, 22	MC14094BF	IC	2	
IC523	MC74HC04AF	IC	1	
IC524	MC14050BF	IC	1	
IC525	SN74LS38NS	IC	1	
IC527	MB89363BPF	IC	1	
IC528, 29	MC14021BF	IC	2	
IC530, 31	T74HC191AF	IC	2	
IC532	MC74HC574AF	IC	1	
IC701	M37702S4AFP	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC702	VS12471	IC	1	
IC703	K6256CLG7L	IC	1	
IC704	74F573SJ	IC	1	
IC705, 06	74F138SJ	IC	2	
IC707, 08	74F32SJ	IC	2	
IC709	74F00SJ	IC	1	
IC710	MN51040VPI	IC	1	
IC711	MC74HC574AF	IC	1	
IC712	74AC32SJ	IC	1	
IC713	74F32SJ	IC	1	
IC714, 15	74F541SJ	IC	2	
IC716	74F245SJ	IC	1	
IC717	74F541SJ	IC	1	
IC718	MC14053BF	IC	1	
IC719	NJM4560MD	IC	1	
IC720	NJM2068MD	IC	1	
IC721	UPC319G2	IC	1	
IC722	UPC4741G2	IC	1	
IC723	NJM78L09UA	IC	1	
IC724	NJM79L09UA	IC	1	
IC725, 26	NJM084M	IC	2	
IS2	VJS2336A032	CONNECTOR (FEMALE)	1	
IS17	VJS3096628	CONNECTOR (FEMALE)	1	
IS503	VJS2336A032	CONNECTOR (FEMALE)	1	
IS702	VJS2336A032	CONNECTOR (FEMALE)	1	
L1	VL00163J270	COIL 27UH	1	
L2	VL00319K470	COIL 47UH	1	
L500-03	VL00576	COIL	4	
L701	VL00163J470	COIL 47UH	1	
L900-03	VLP0133	COIL	4	
LED1-04	LN1251CAL	DIODE	4	
P1, P2	VJP3454B096	CONNECTOR (MALE)	2	
Q3	2SB710A-R	TRANSISTOR	1	
Q4	2SB936A-Q	TRANSISTOR	1	
Q5, Q6	2SD601A-R	TRANSISTOR	2	
Q7, Q8	2SB1073-R	TRANSISTOR	2	
Q9	2SD601A-R	TRANSISTOR	1	
Q10	2SB709A-R	TRANSISTOR	1	
Q11, 12	2SD1119-R	TRANSISTOR	2	
Q13	2SB709A-R	TRANSISTOR	1	
Q14	2SD601A-R	TRANSISTOR	1	
Q15, 16	2SB1073-R	TRANSISTOR	2	
Q17	2SD601A-R	TRANSISTOR	1	
Q18	2SB709A-R	TRANSISTOR	1	
Q19, 20	2SD1119-R	TRANSISTOR	2	
Q21	2SB709A-R	TRANSISTOR	1	
Q22	2SD601A-R	TRANSISTOR	1	
Q23, 24	2SB1175-Q	TRANSISTOR	2	
Q25	2SD601A-R	TRANSISTOR	1	
Q26	2SB709A-R	TRANSISTOR	1	
Q27, 28	2SD1747-QY	TRANSISTOR	2	
Q29	2SB709A-R	TRANSISTOR	1	
Q30	2SD601A-R	TRANSISTOR	1	
Q31, 32	2SB1073-R	TRANSISTOR	2	
Q33	2SD601A-R	TRANSISTOR	1	
Q34	2SB709A-R	TRANSISTOR	1	
Q35, 36	2SD1119-R	TRANSISTOR	2	
Q37	2SB709A-R	TRANSISTOR	1	
Q38	2SD601A-R	TRANSISTOR	1	
Q39	2SB1175-Q	TRANSISTOR	1	
Q701-03	2SD601A-R	TRANSISTOR	3	
Q704, 05	2SB709A-R	TRANSISTOR	2	
QR3-10	UN2213	TRANSISTOR-RESISTOR	8	
QR11-16	UN2214	TRANSISTOR-RESISTOR	6	
QR17	UN2213	TRANSISTOR-RESISTOR	1	
QR18-26	UN2214	TRANSISTOR-RESISTOR	9	
QR27, 28	UN2113	TRANSISTOR-RESISTOR	2	
QR29, 30	UN2214	TRANSISTOR-RESISTOR	2	
QR31, 32	UN2113	TRANSISTOR-RESISTOR	2	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
QR33, 34	UN2214	TRANSISTOR-RESISTOR	2	
QR35, 36	UN2113	TRANSISTOR-RESISTOR	2	
QR37, 38	UN2213	TRANSISTOR-RESISTOR	2	
QR39, 40	UN2113	TRANSISTOR-RESISTOR	2	
QR41	UN2213	TRANSISTOR-RESISTOR	1	
QR42	UN2113	TRANSISTOR-RESISTOR	1	
QR43	UN2213	TRANSISTOR-RESISTOR	1	
QR701-03	UN221L	TRANSISTOR-RESISTOR	3	
QR704, 05	UN2214	TRANSISTOR-RESISTOR	2	
R1-R5	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	5	
R6-10	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	5	
R11, 12	ERJ6GEYF822	M. RESISTOR CH 1/10W 8.2K	2	
R13, 14	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
R16	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R17	ERJ6GEYG394	M. RESISTOR CH 1/10W 390K	1	
R18, 19	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	2	
R20	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R21, 22	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	2	
R23, 24	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
R25, 26	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	2	
R27, 28	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	2	
R29	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R33-35	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	3	
R38, 39	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	2	
R43	ERJ6GEYG271	M. RESISTOR CH 1/10W 270	1	
R44	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R45	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R46	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R47	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R48	ERJ6GEYG562	M. RESISTOR CH 1/10W 5.6K	1	
R49	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1	
R54, 55	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	2	
R56	ERJ6GEYG105	M. RESISTOR CH 1/10W 1M	1	
R57	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1	
R58-61	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	4	
R62	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R63-70	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	8	
R71, 72	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	2	
R73, 74	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	2	
R75	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1	
R76, 77	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	2	
R82	ERJ6GEYG104	M. RESISTOR CH 1/10W 100K	1	
R83	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R84-87	ERJ6GEYG104	M. RESISTOR CH 1/10W 100K	4	
R89	ERJ6GEYG104	M. RESISTOR CH 1/10W 100K	1	
R90-95	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	6	
R96	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R97	ERJ6GEYG105	M. RESISTOR CH 1/10W 1M	1	
R100	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R101, 02	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	2	
R103, 04	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	2	
R105	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R106	ERJ6GEYG105	M. RESISTOR CH 1/10W 1M	1	
R108	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R109, 10	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	2	
R111, 12	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	2	
R113	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R114	ERJ6GEYG105	M. RESISTOR CH 1/10W 1M	1	
R116	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R117, 18	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	2	
R119, 20	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	2	
R121	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R122	ERJ6GEYG105	M. RESISTOR CH 1/10W 1M	1	
R124	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R125, 26	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	2	
R127, 28	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	2	
R129-37	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	9	
R138, 39	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
R141, 42	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	2	
R144	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R145-47	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	3	
R148	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R150	ERJ6GEYG562	M. RESISTOR CH 1/10W 5.6K	1	
R151	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R152	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1	
R153	ERJ6GEYG271	M. RESISTOR CH 1/10W 270	1	
R154	ERX1SJ1R0	M. RESISTOR 1W 1.0	1	
R155	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R156	ERJ6GEYG562	M. RESISTOR CH 1/10W 5.6K	1	
R157	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1	
R158	ERJ6GEYG271	M. RESISTOR CH 1/10W 270	1	
R159	ERG1SJ220	M. RESISTOR 1W 22	1	
R160	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R161	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1	
R162, 63	ERJ8GICYJ151	M. RESISTOR CH 1/8W 150	2	
R164, 65	ERJ6GEYG563	M. RESISTOR CH 1/10W 56K	2	
R166	ERJ8GICYG152	M. RESISTOR CH 1/8W 1.5K	1	
R167-69	ERJ8GICYJ681	M. RESISTOR CH 1/8W 680	3	
R170	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R171	ERJ6GEYG563	M. RESISTOR CH 1/10W 56K	1	
R172, 73	ERJ6GEYG394	M. RESISTOR CH 1/10W 390K	2	
R174-81	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	8	
R182	ERJ6GEYF333	M. RESISTOR CH 1/10W 33K	1	
R184	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R185	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R186	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R187-90	ERJ8GICYJ391	M. RESISTOR CH 1/8W 390	4	
R191	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R192	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R193, 94	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
R195	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R196, 97	ERJ8GICYJ391	M. RESISTOR CH 1/8W 390	2	
R198	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R199, 00	ERJ8GICYJ391	M. RESISTOR CH 1/8W 390	2	
R201	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R202	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R203, 04	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	2	
R205	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R206	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R207, 08	ERJ8GICYJ391	M. RESISTOR CH 1/8W 390	2	
R209	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R210, 11	ERJ8GICYJ391	M. RESISTOR CH 1/8W 390	2	
R212	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R213, 14	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
R215	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R216, 17	ERJ8GICYJ391	M. RESISTOR CH 1/8W 390	2	
R218	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R219, 20	ERJ8GICYJ391	M. RESISTOR CH 1/8W 390	2	
R221	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R222	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R223, 24	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	2	
R225	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R226	ERJ6GEYG392	M. RESISTOR CH 1/10W 3.9K	1	
R227, 28	ERJ8GICYJ391	M. RESISTOR CH 1/8W 390	2	
R229	ERJ6GEYG392	M. RESISTOR CH 1/10W 3.9K	1	
R230, 31	ERJ8GICYJ391	M. RESISTOR CH 1/8W 390	2	
R232	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R233, 34	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
R235	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R236, 37	ERJ8GICYJ391	M. RESISTOR CH 1/8W 390	2	
R238	ERJ6GEYG392	M. RESISTOR CH 1/10W 3.9K	1	
R239, 40	ERJ8GICYJ391	M. RESISTOR CH 1/8W 390	2	
R241	ERJ6GEYG392	M. RESISTOR CH 1/10W 3.9K	1	
R242	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R243, 44	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	2	
R245	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R246	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R247, 48	ERJ8GICYJ391	M. RESISTOR CH 1/8W 390	2	
R249	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R250, 51	ERJ8GICYJ391	M. RESISTOR CH 1/8W 390	2	
R252	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R253, 54	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
R255	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R256, 57	ERJ8GICYJ391	M. RESISTOR CH 1/8W 390	2	
R258	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R259, 60	ERJ8GICYJ391	M. RESISTOR CH 1/8W 390	2	
R261	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R262	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R263	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R266-69	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	4	
R271	ERJ6GEY0R00	M.RESISTOR CH 1/10W 820	1	
R273	ERJ6GEY0R00	M.RESISTOR CH 1/10W 820	1	
R275	ERJ6GEY0R00	M.RESISTOR CH 1/10W 820	1	
R277	ERJ6GEY0R00	M.RESISTOR CH 1/10W 820	1	
R281	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R284, 85	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
R288	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	
R290	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	
R291	ERJ6GEY0R00	M.RESISTOR CH 1/10W 1M	1	
R292, 93	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R294	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	1	
R295	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	
R296	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R297	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	
R298	ERJ6GEY0R00	M.RESISTOR CH 1/10W 1M	1	
R299	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R304-15	ERJ8GCVJ391	M.RESISTOR CH 1/8W 390	12	
R316, 17	ERG1SJ100	M.RESISTOR 1W 10	2	
R318	ERX1SJ6R2	M.RESISTOR 1W 6.2	1	
R319	ERG1SJ100	M.RESISTOR 1W 10	1	
R320	ERJ6GEY0R00	M.RESISTOR CH 1/10W 2.2K	1	
R321-28	ERJ6GEY0R00	M.RESISTOR CH 1/10W 47	8	
R329, 30	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	2	
R332	ERJ6GEY0R00	M.RESISTOR CH 1/10W 2.2K	1	
R333	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R334	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	
R335	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	1	
R336	ERJ6GEY0R00	M.RESISTOR CH 1/10W 3.9K	1	
R337, 38	ERJ8GCVJ391	M.RESISTOR CH 1/8W 390	2	
R341	ERJ6GEY0R00	M.RESISTOR CH 1/10W 1M	1	
R342	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R345	ERJ6GEY0R00	M.RESISTOR CH 1/10W 1M	1	
R346	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R347	ERJ6GEY0R00	M.RESISTOR CH 1/10W 100K	1	
R348	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	1	
R349-62	ERJ6GEY0R00	M.RESISTOR CH 1/10W 47	14	
R363, 64	ERJ6GEY0R00	M.RESISTOR CH 1/10W 270	2	
R365	ERJ6GEY0R00	M.RESISTOR CH 1/10W 22K	1	
R366	ERJ6GEY0R00	M.RESISTOR CH 1/10W 56K	1	
R500	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R501	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	1	
R502, 03	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R504-11	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	8	
R512	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R513-15	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	3	
R516, 17	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R518, 19	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	2	
R520	ERJ6GEY0R00	M.RESISTOR CH 1/10W 100	1	
R521	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R523, 24	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	2	
R525	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R527	ERJ6GEY0R00	M.RESISTOR CH 1/10W 100	1	
R528-31	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	4	
R532, 33	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	2	
R534	ERJ6GEY0R00	M.RESISTOR CH 1/10W 100	1	
R535, 36	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	2	
R537	ERJ6GEY0R00	M.RESISTOR CH 1/10W 100	1	
R542	ERJ6GEY0R00	M.RESISTOR CH 1/10W 22K	1	
R543	ERJ6GEY0R00	M.RESISTOR CH 1/10W 100	1	
R544	ERJ6GEY0R00	M.RESISTOR CH 1/10W 390K	1	
R545	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	1	
R546	ERJ6GEY0R00	M.RESISTOR CH 1/10W 22K	1	
R547-49	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	3	
R550, 51	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	2	
R554-58	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	5	
R562-65	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	4	
R580	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R585	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R590-94	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	5	
R598	ERJ6GEY0R00	M.RESISTOR CH 1/10W 100	1	
R599	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	1	
R606, 07	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
R608	ERJ6GEY0R00	M.RESISTOR CH 1/10W 2.2K	1	
R609	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R610-17	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	8	
R629	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R634	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R636	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R638, 39	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
R641	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R701	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	1	
R702	ERJ6GEY0R00	M.RESISTOR CH 1/10W 2.2K	1	
R705-10	ERJ6GEY0R00	M.RESISTOR CH 1/10W 390K	6	
R711-16	ERJ6GEY0R00	M.RESISTOR CH 1/10W 1K	6	
R717	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	1	
R718	ERJ6GEY0R00	M.RESISTOR CH 1/10W 100	1	
R719, 20	ERJ6GEY0R00	M.RESISTOR CH 1/10W 1K	2	
R721, 22	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
R723-26	ERJ6GEY0R00	M.RESISTOR CH 1/10W 1K	4	
R727	ERJ6GEY0R00	M.RESISTOR CH 1/10W 1M	1	
R728-31	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	4	
R732-34	ERJ6GEY0R00	M.RESISTOR CH 1/10W 1K	3	
R735	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	1	
R736	ERJ6GEY0R00	M.RESISTOR CH 1/10W 100K	1	
R737	ERJ6GEY0R00	M.RESISTOR CH 1/10W 1M	1	
R738	ERJ6GEY0R00	M.RESISTOR CH 1/10W 220	1	
R739, 40	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	2	
R741, 42	ERJ6GEY0R00	M.RESISTOR CH 1/10W 100K	2	
R743, 44	ERJ6GEY0R00	M.RESISTOR CH 1/10W 100	2	
R745, 46	ERJ6GEY0R00	M.RESISTOR CH 1/10W 1K	2	
R747	ERJ6GEY0R00	M.RESISTOR CH 1/10W 5.6K	1	
R748	ERJ6GEY0R00	M.RESISTOR CH 1/10W 1K	1	
R749, 50	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	2	
R751	ERJ6GEY0R00	M.RESISTOR CH 1/10W 1K	1	
R752, 53	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	2	
R754	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R755	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	1	
R756-59	ERJ6GEY0R00	M.RESISTOR CH 1/10W 100K	4	
R762	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R764, 65	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
R766	ERJ6GEY0R00	M.RESISTOR CH 1/10W 1M	1	
R767-69	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	3	
R770	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R771	ERJ6GEY0R00	M.RESISTOR CH 1/10W 100	1	
R772	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	1	
R773	ERJ6GEY0R00	M.RESISTOR CH 1/10W 5.6K	1	
R774	ERJ6GEY0R00	M.RESISTOR CH 1/10W 22	1	
R775, 76	ERJ6GEY0R00	M.RESISTOR CH 1/10W 3.3K	2	
R777	ERJ6GEY0R00	M.RESISTOR CH 1/10W 2.2K	1	
R778-81	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	4	
R782	ERJ6RED470	M.RESISTOR CH 1/10W 47	1	
R783	ERJ6RBD562	M.RESISTOR CH 1/10W 5.6K	1	
R784	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	1	
R785	ERJ6RBD562	M.RESISTOR CH 1/10W 5.6K	1	
R786	ERJ6RED820	M.RESISTOR CH 1/10W 82	1	
R787	ERJ6RED470	M.RESISTOR CH 1/10W 47	1	
R788	ERJ6RBD562	M.RESISTOR CH 1/10W 5.6K	1	
R789	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R790	ERJ6RBD123	M.RESISTOR CH 1/10W 12K	1	
R791	ERJ6RBD683	M.RESISTOR CH 1/10W 68K	1	
R792	ERJ6GEY0R00	M.RESISTOR CH 1/10W 390K	1	
R793	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R794, 95	ERJ6GEY0R00	M.RESISTOR CH 1/10W 22K	2	
R796	ERJ6GEY0R00	M.RESISTOR CH 1/10W 100K	1	
R797, 98	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	2	
R799	ERJ6GEY0R00	M.RESISTOR CH 1/10W 1K	1	
R800, 01	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
R802	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R803, 04	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	2	
R805-08	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	4	
R809	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R810	ERJ6GEY0R00	M.RESISTOR CH 1/10W 100K	1	
R811, 12	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	2	
R813	ERJ6GEY0R00	M.RESISTOR CH 1/10W 820K	1	
R814	ERJ6GEY0R00	M.RESISTOR CH 1/10W 1K	1	
R815	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R816-39	ERJ6GEY0R00	M.RESISTOR CH 1/10W 47	24	
R840-47	ERJ6GEY0R00	M.RESISTOR CH 1/10W 10K	8	
R848-56	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	9	



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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC70	NJM78L09UA	IC	1	
IC71	NJM79L09UA	IC	1	
IC72	NJM78L05UA	IC	1	
IC73	XC62AP2302P	IC	1	
IC100	T74VHC244F	IC	1	
IC101-03	74ALS245ASJ	IC	3	
IC104	T74VHC244F	IC	1	
IC105	T74VHC157F	IC	1	
IC106	TC7S32F	IC	1	
IC200, 01	SN74S1051NS	IC	2	
IC202, 03	74ALS541SJ	IC	2	
IC204	74ALS245ASJ	IC	1	
IC205	74AC138SJ	IC	1	
IC206	T74VHC244F	IC	1	
IC207, 08	UPD710550B	IC	2	
IC209	TC7S04F	IC	1	
IC250	MC74HC125AF	IC	1	
IC252, 53	TC7S66F	IC	2	
IC254, 55	NJM082BM	IC	2	
IC260	TC7S04F	IC	1	
IC261	MC10H125M	IC	1	
IC262, 63	74F244SJ	IC	2	
IC264	MC10H125M	IC	1	
IC265, 66	T74LCX244F	IC	2	
IC267	MC10H124M	IC	1	
IC271, 72	T74LCX244F	IC	2	
IC350-52	T74LCX244F	IC	3	
IC353, 54	I1032E-70LT	IC	2	
IC450	T74VHC244F	IC	1	
IC451	ISP1016-60LT	IC	1	
IC500-02	T74LCX245F	IC	3	
IC550	I1032E-70LT	IC	1	
IC600	T74VHC157F	IC	1	
IC601	UPD65841G025	IC	1	
IC602, 03	T74VHCT244F	IC	2	
IC604	TC7S32F	IC	1	
IC650	MN673711	IC	1	
IC651	M65401FP	IC	1	
IC652	T74VHC157F	IC	1	
IC653	M52660FP	IC	1	
IC654	T74VHCT244F	IC	1	
IC700	MN67372A2	IC	1	
IC701	T74VHC244F	IC	1	
IC702	MN4707F	IC	1	
IC703-05	T74VHC244F	IC	3	
IC706	TC7S04F	IC	1	
IC750	UPD65868D022	IC	1	
IC800	CY7C19920ZC	IC	1	
IC801	CG25123-5106	IC	1	
IC802	CY7C19920ZC	IC	1	
IC850, 51	T74VHC244F	IC	2	
IC852	T160G41-1437	IC	1	
IC900-03	UPD42280G3	IC	4	
IC904, 05	74ALS541SJ	IC	2	
IC1001, 02	SN74S1051NS	IC	2	
IC1005, 06	SN74ALS541S	IC	2	
IC1007, 08	I1018E-100LT	IC	2	
IC1009	SN74AS244AN	TTL	1	
IC1010	SN74ALS244BS	IC	1	
IC1011, 12	I1048E-70LQ	IC	2	
IC1013, 14	SN74ALS574B	IC	2	
IC1015, 16	UPD42280G3	IC	2	
IC1017-20	SN74ALS574B	IC	4	
IC1021, 22	UPD42280G3	IC	2	
IC1023-25	SN74ALS574B	IC	3	
IC1027, 28	UPD42280G3	IC	2	
IC1030	SN74ALS574B	IC	1	
IC1031	ISP1032-60LT	IC	1	
IC1032	SN74ALS541S	IC	1	
IC1033-36	SN74ALS245A	IC	4	
IC1037	SN74ALS541S	IC	1	
L70, 71	VLP0133	COIL	2	
L73	VLP0133	COIL	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L250-55	VLQ0319K470	COIL 47UH	6	
L256	VLQ0163J3R9	COIL 3.9UH	1	
L257	VLQ0319K470	COIL 47UH	1	
L650-52	VLQ0319K100	COIL 10UH	3	
P1	02VJP3454B096	CONNECTOR (MALE)	1	
P1	VJS3538A040	CONNECTOR (FEMALE)	1	
P2	02VJP3454B096	CONNECTOR (MALE)	1	
P2	VJS3538A040	CONNECTOR (FEMALE)	1	
P3	VJP3816B068	CONNECTOR (MALE)	1	
P450	VJP3125B008	CONNECTOR (MALE)	1	
P950, 51	VJP3635A040	CONNECTOR (MALE)	2	
Q250	2SC2295-B	TRANSISTOR	1	
QR200, 01	UN5214	TRANSISTOR-RESISTOR	2	
R1-R7	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	7	
R8, R9	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R10-15	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	6	
R16	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R17-21	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	
R22	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R24-29	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	6	
R30-37	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	8	
R39-44	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	6	
R45-52	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	8	
R54-59	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	6	
R60-67	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	8	
R100-05	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	6	
R107	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R108	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R109	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R110-16	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	7	
R118, 19	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R121, 22	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R124, 25	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R127, 28	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R130, 31	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R133	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R134	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R136, 37	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R139, 40	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R142, 43	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R145, 46	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R148, 49	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R151-57	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	7	
R158-60	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R161	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R162-65	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R166-73	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	8	
R174	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R175	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R176	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R200, 01	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R203	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R204-11	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	8	
R212	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R213	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R214-17	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R218, 19	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	2	
R220-25	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	6	
R226-29	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R250, 51	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R252	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R253	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R254	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R255	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R256, 57	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R258	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R259	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R260, 61	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R262	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R263	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R264	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	



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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C8022	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8023	ECEV1CV1000	E.CAPACITOR CH 16V 10U	1	
C8024, 25	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8026	ECEV1CV1000	E.CAPACITOR CH 16V 10U	1	
C8027, 28	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8029	ECEV1CV4700	E.CAPACITOR CH 16V 47U	1	
C8030, 31	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8032	ECEV1CV1000	E.CAPACITOR CH 16V 10U	1	
C8033, 34	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8035	ECEV1CV1000	E.CAPACITOR CH 16V 10U	1	
C8036, 37	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8038	ECEV1CV1000	E.CAPACITOR CH 16V 10U	1	
C8039, 40	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8041	ECEV1CV1000	E.CAPACITOR CH 16V 10U	1	
C8042	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8050-57	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	8	
C8070-74	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	5	
C8075	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C8076	ECEV1EV1000	E.CAPACITOR CH 25V 10U	1	
C8077	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8078	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C8079, 80	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8081	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C8082	ECEV1EN3R30	E.CAPACITOR CH 25V 3.3U	1	
C8083	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C8084	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C8085, 86	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	2	
C8087	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C8088, 89	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8091, 92	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8100-04	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	5	
C8105-07	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	3	
C8108	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C8109	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C8110	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C8111	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8112, 13	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	2	
C8114	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8117	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8160-65	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	6	
C8166, 67	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	2	
C8168, 69	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	2	
C8170, 71	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8172, 73	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C8174	ECEV1HN0100	E.CAPACITOR CH 50V 1U	1	
C8175, 76	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8177	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C8178	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C8179-82	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	4	
C8183, 84	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8200-03	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	4	
C8207	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C8208	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C8257	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8260-65	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	6	
C8266, 67	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C8268	ECEV1HN0100	E.CAPACITOR CH 50V 1U	1	
C8269	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C8270	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8280-83	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	4	
C8284, 85	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C8286	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C8287, 88	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8289	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C8290	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C8291	ECEV1HN0100	E.CAPACITOR CH 50V 1U	1	
C8292	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8300-02	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	3	
C8330, 31	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8340-43	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	4	
C8350-59	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	10	
C8361-65	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	5	
C8370-82	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	13	
C8430	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8432-37	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	6	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C8500-05	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	6	
C8506	ECUX1H271JCV	C.CAPACITOR CH 50V 270P	1	
C8507, 08	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8509	ECKFIH103ZF	C.CAPACITOR 50V 0.01U	1	
C8510, 11	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8551-57	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	7	
C8576-79	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	4	
C8600	ECEV1EV3300	E.CAPACITOR CH 25V 33U	1	
C8601	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8602	ECEV1CV4700	E.CAPACITOR CH 16V 47U	1	
C8603	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8604	ECEV1CV4700	E.CAPACITOR CH 16V 47U	1	
C8605	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8606	ECEV1EV3300	E.CAPACITOR CH 25V 33U	1	
C8607, 08	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8609	ECEV1CV1000	E.CAPACITOR CH 16V 10U	1	
C8610, 11	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8612	ECEV1CV1000	E.CAPACITOR CH 16V 10U	1	
C8613, 14	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8615	ECEV1CV1000	E.CAPACITOR CH 16V 10U	1	
C8616, 17	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8618	ECEV1CV1000	E.CAPACITOR CH 16V 10U	1	
C8619, 20	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8621	ECEV1CV1000	E.CAPACITOR CH 16V 10U	1	
C8622, 23	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8624	ECEV1CV1000	E.CAPACITOR CH 16V 10U	1	
C8625, 26	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8627	ECEV1CV1000	E.CAPACITOR CH 16V 10U	1	
C8628	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8650	ECEV1CV4700	E.CAPACITOR CH 16V 47U	1	
C8651	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C8652	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C8653	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C8654, 55	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C8656	ECEV1HN0100	E.CAPACITOR CH 50V 1U	1	
C8657	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C8658	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8659	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C8660	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C8661, 62	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C8663	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	1	
C8664	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8665	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C8666	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8700	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8701	ECEV1CV1000	E.CAPACITOR CH 16V 10U	1	
C8702	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8703	ECEV1CV1000	E.CAPACITOR CH 16V 10U	1	
C8704	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1	
C8705	ECEV1CV1000	E.CAPACITOR CH 16V 10U	1	
C8706, 07	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C8708-10	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	3	
C8711	ECEV1CV1000	E.CAPACITOR CH 16V 10U	1	
C8712	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1	
C8713	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C8714	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C8717-20	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	4	
C8721	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1	
C8725	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C8726	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1	
C8727, 28	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8729	ECUX1H050CCV	C.CAPACITOR CH 50V 5P	1	
C8730	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C8731	ECEV1CV1000	E.CAPACITOR CH 16V 10U	1	
C8732	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C8733, 34	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8735	ECUX1H181JCV	C.CAPACITOR CH 50V 180P	1	
C8739, 40	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8745	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C8746	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1	
C8747, 48	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	
C8749	ECUX1H050CCV	C.CAPACITOR CH 50V 5P	1	
C8750	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C8751	ECEV1CV1000	E.CAPACITOR CH 16V 10U	1	
C8752, 53	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C8754	ECUX1H181JCV	C. CAPACITOR CH 50V 180P	1		C8935	ECUX1H150JCV	C. CAPACITOR CH 50V 15P	1	
C8755	ECUX1H151JCV	C. CAPACITOR CH 50V 150P	1		C8936	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C8800	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	1		C8937, 38	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	2	
C8801, 02	ECEV1CV100Q	E. CAPACITOR CH 16V 10U	2		C8939	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C8803	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	1		C8940	ECEV1CV100Q	E. CAPACITOR CH 16V 10U	1	
C8804	ECEV1CV100Q	E. CAPACITOR CH 16V 10U	1		C8950	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	1	
C8805	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	1		C8951	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C8810	ECUX1H391JCV	C. CAPACITOR CH 50V 390P	1		C8952, 53	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	2	
C8811	ECUX1H151JCV	C. CAPACITOR CH 50V 150P	1		C8954	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
C8812, 13	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	2		C8955	ECUX1H121JCV	C. CAPACITOR CH 50V 120P	1	
C8814, 15	ECUX1E104KBN	C. CAPACITOR CH 25V 0.1U	2		C8956	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
C8817	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		C8957, 58	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	2	
C8818, 19	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	2		C8959	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C8820, 21	ECEV1CV100Q	E. CAPACITOR CH 16V 10U	2		C8960, 61	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	2	
C8824	ECUX1E104KBN	C. CAPACITOR CH 25V 0.1U	1		C8962	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C8825, 26	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	2		C8963-65	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	3	
C8827, 28	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	2		C8990	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C8829	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	1		C8991	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C8830	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1		C8992	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	1	
C8831	ECUX1E104KBN	C. CAPACITOR CH 25V 0.1U	1		C8993	ECUX1H390JCV	C. CAPACITOR CH 50V 39P	1	
C8832, 33	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	2		C8994, 95	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	2	
C8834	ECUX1H100DCV	C. CAPACITOR CH 50V 10P	1		C8996	ECUX1H070DCV	C. CAPACITOR CH 50V 7P	1	
C8835, 36	ECUX1E104KBN	C. CAPACITOR CH 25V 0.1U	2		C8997	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	1	
C8837	ECUX1H271JCV	C. CAPACITOR CH 50V 270P	1						
C8838	ECUX1H151JCV	C. CAPACITOR CH 50V 150P	1		D8070	MA335-R	DIODE	1	
C8839	ECUX1E104KBN	C. CAPACITOR CH 25V 0.1U	1		D8160	MA152K	DIODE	1	
C8840	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1		D8260	MA152K	DIODE	1	
C8841-43	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	3		D8650	MA152WK	DIODE	1	
C8844	ECUX1E104KBN	C. CAPACITOR CH 25V 0.1U	1		D8651	MA717	DIODE	1	
C8845, 46	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	2		D8800, 01	MA335-R	DIODE	2	
C8847	ECUX1E104KBN	C. CAPACITOR CH 25V 0.1U	1		D8810, 11	MA152K	DIODE	2	
C8848, 49	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	2		D8950	MA152K	DIODE	1	
C8850, 51	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	2						
C8857-60	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	4		FL8010-13	VLF1016A223	FILTER	4	
C8861	ECUM1E473KBN	C. CAPACITOR CH 25V 0.047U	1		FL8700	VLF1294	FILTER	1	
C8862	ECEV1CV100Q	E. CAPACITOR CH 16V 10U	1		FL8701, 02	VLF1295	FILTER	2	
C8864, 65	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	2						
C8866	ECEV0JV470Q	E. CAPACITOR CH6. 3V 47U	1		IC8010	NJM78L09UA	IC	1	
C8867	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	1		IC8011	NJM78L05UA	IC	1	
C8868	ECEV1CV100Q	E. CAPACITOR CH 16V 10U	1		IC8012	NJM79L05UA	IC	1	
C8869	ECEV0JV470Q	E. CAPACITOR CH6. 3V 47U	1		IC8013	NJM78L09UA	IC	1	
C8870	ECUM1E473KBN	C. CAPACITOR CH 25V 0.047U	1		IC8014	NJM78L05UA	IC	1	
C8871	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	1		IC8015	NJM79L05UA	IC	1	
C8873	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	1		IC8016	NJM79L09UA	IC	1	
C8875	ECEV1CV100Q	E. CAPACITOR CH 16V 10U	1		IC8050	SLA7220F5A	IC	1	
C8876	ECUM1E473KBN	C. CAPACITOR CH 25V 0.047U	1		IC8051	VS12155B	IC	1	
C8877	ECUX1E104KBN	C. CAPACITOR CH 25V 0.1U	1		IC8070	MC74HC125AF	IC	1	
C8878	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1		IC8071	NE521D	IC	1	
C8879	ECUX1H271JCV	C. CAPACITOR CH 50V 270P	1		IC8072	MC74HC4053F	IC	1	
C8880	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1		IC8073	NJM084M	IC	1	
C8881	ECUX1H680JCV	C. CAPACITOR CH 50V 68P	1		IC8074	MC74HC4053F	IC	1	
C8882	ECUX1H070DCV	C. CAPACITOR CH 50V 7P	1		IC8100	UPD65650J203	IC	1	
C8883	ECUX1H121JCV	C. CAPACITOR CH 50V 120P	1		IC8101-03	SN74LS221NS	IC	3	
C8885	ECUX1H100DCV	C. CAPACITOR CH 50V 10P	1		IC8104, 05	SN74LS04NS	IC	2	
C8890	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	1		IC8106	MC74HC00AF	IC	1	
C8893, 94	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	2		IC8109	UPD485505625	IC	1	
C8900	ECEV1CV100Q	E. CAPACITOR CH 16V 10U	1		IC8111	MC74HC574AF	IC	1	
C8901	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	1		IC8160	MC74HC74AF	IC	1	
C8902	ECEV1CV100Q	E. CAPACITOR CH 16V 10U	1		IC8161	74F112SJ	IC	1	
C8903	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	1		IC8162	MC74HC86F	IC	1	
C8904	ECUX1H020CCV	C. CAPACITOR CH 50V 2P	1		IC8163	MC74HC02AF	IC	1	
C8905	ECUX1H121JCV	C. CAPACITOR CH 50V 120P	1		IC8164	SN74LS123NS	IC	1	
C8906, 07	ECUX1H390JCV	C. CAPACITOR CH 50V 39P	2		IC8165	SN74LS221NS	IC	1	
C8910, 11	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	2		IC8166	SN74LS05NS	IC	1	
C8914	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	1		IC8167-69	MC74HC574AF	IC	3	
C8918-20	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	3		IC8170	SN74AS244AN	TTL	1	
C8921, 22	ECUX1E104KBN	C. CAPACITOR CH 25V 0.1U	2		IC8171	NJM084M	IC	1	
C8924	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		IC8172	DAC10GS	IC	1	
C8925, 26	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	2		IC8200	UPD65650J203	IC	1	
C8927	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1		IC8202	SN74LS221NS	IC	1	
C8928	ECUX1E104KBN	C. CAPACITOR CH 25V 0.1U	1		IC8250	MC74HC125AF	IC	1	
C8929, 30	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	2		IC8260	NJM082BM	IC	1	
C8931	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1		IC8261	74F08SJ	IC	1	
C8932	ECUX1H020CCV	C. CAPACITOR CH 50V 2P	1		IC8262	SN74AS74ANS	IC	1	
C8933, 34	ECUX1E104ZV	C. CAPACITOR CH 25V 0.1U	2		IC8263	74F574SJ	IC	1	



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IC8264, 65	SN74AS244AN	TTL	2	
IC8280-82	MC74HC574AF	IC	3	
IC8283	DAC10GS	IC	1	
IC8284	NJM082BM	IC	1	
IC8300, 01	MC74HC574AF	IC	2	
IC8302	MC74HC541AF	IC	1	
IC8330, 31	SN74AS244AN	TTL	2	
IC8340	VS12502	IC	1	
IC8350, 51	MC74HC574AF	IC	2	
IC8352-54	UPD485505G25	IC	3	
IC8355-57	MC74HC574AF	IC	3	
IC8358	UPD485505G25	IC	1	
IC8359	MC74HC574AF	IC	1	
IC8360	UPD485505G25	IC	1	
IC8361	MC74HC574AF	IC	1	
IC8362	L7A0378	IC	1	
IC8370	L7A1519	ASIC	1	
IC8371	VS12503	IC	1	
IC8372-74	UPD485505G25	IC	3	
IC8430	74ALS541SJ	IC	1	
IC8432-34	MC10H124M	IC	3	
IC8500, 01	SN74LS1051NS	IC	2	
IC8502	74ALS541SJ	IC	1	
IC8503	74ALS245ASJ	IC	1	
IC8504, 05	74ALS541SJ	IC	2	
IC8506	VS12157A	IC	1	
IC8507	UPD71055GB	IC	1	
IC8508, 09	MC74HC574AF	IC	2	
IC8510, 11	SN74LS1051NS	IC	2	
IC8512	MC74HC74AF	IC	1	
IC8550, 51	UPD485505G25	IC	2	
IC8552	L7A1142	IC	1	
IC8581-84	UPD485505G25	IC	4	
IC8585, 86	MC74HC574AF	IC	2	
IC8600	AN78N09	IC	1	
IC8601	AN78N05	IC	1	
IC8602	AN79N09	IC	1	
IC8603	AN78N09	IC	1	
IC8604	NJM78L05UA	IC	1	
IC8605	NJM79L05UA	IC	1	
IC8606	AN79N09	IC	1	
IC8650	AN91A12S	IC	1	
IC8651	NE521D	IC	1	
IC8700	ADV7122KST50	IC	1	
IC8701	AD589JR	IC	1	
IC8702-04	EL4089CS	IC	3	
IC8801	DAC10GS	IC	1	
IC8802	NJM082BM	IC	1	
IC8804	MC74HC4053F	IC	1	
IC8805	MS1272FP	IC	1	
IC8900	EL4089CS	IC	1	
IC8901	NJM2534V	IC	1	
IC8902	DAC10GS	IC	1	
IC8903	NJM082BM	IC	1	
IC8904	AD828AR	IC	1	
IC8990	NJM2534V	IC	1	
L8001-07	VLP0133	COIL	7	
L8071	VL00163J221	COIL	220UH	1
L8650	VL00163J680	COIL	68UH	1
L8651	VL00163J221	COIL	220UH	1
L8700	VL00163J220	COIL	22UH	1
L8701	VL00576	COIL		1
L8703	VL00163J220	COIL	22UH	1
L8704	VL00163J100	COIL	10UH	1
L8707	VL00163J6R8	COIL	6.8UH	1
L8708	VL00163J560	COIL	56UH	1
L8711	VL00163J6R8	COIL	6.8UH	1
L8712	VL00163J560	COIL	56UH	1
L8800-02	VL00163J220	COIL	22UH	3
L8803	VL00163J181	COIL	180UH	1
L8804	VL00163J560	COIL	56UH	1
L8805-07	VL00163J470	COIL	47UH	3
L8808	VL00163J270	COIL	27UH	1
L8809	VL00163J6R8	COIL	6.8UH	1

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L8810	VL00163J5R6	COIL	5.6UH	1
L8900	VL00163J100	COIL	10UH	1
L8901, 02	VL00163J220	COIL	22UH	2
L8950	VL00163J470	COIL	47UH	1
L8951, 52	VL00163J560	COIL	56UH	2
L8990	VL00163J180	COIL	18UH	1
P8001, 02	VJP3454B096	CONNECTOR (MALE)		2
P8340	VJP1233T	CONNECTOR (MALE)	6P	1
Q8070	MSB709-R	TRANSISTOR		1
Q8071, 72	2SK608-R	TRANSISTOR		2
Q8700	MSD601-R	TRANSISTOR		1
Q8701	MSB709-R	TRANSISTOR		1
Q8702, 03	MSD601-R	TRANSISTOR		2
Q8704	MSB709-R	TRANSISTOR		1
Q8707-09	MSB709-R	TRANSISTOR		3
Q8710, 11	MSD601-R	TRANSISTOR		2
Q8712	MSB709-R	TRANSISTOR		1
Q8715, 16	MSB709-R	TRANSISTOR		2
Q8717	MSD601-R	TRANSISTOR		1
Q8718, 19	2SB709A-R	TRANSISTOR		2
Q8800	MSB709-R	TRANSISTOR		1
Q8801	MSC2295-B	TRANSISTOR		1
Q8802	MSB709-R	TRANSISTOR		1
Q8803	MSC2295-B	TRANSISTOR		1
Q8804, 05	MSB709-R	TRANSISTOR		2
Q8806	MSC2295-B	TRANSISTOR		1
Q8807	MSB709-R	TRANSISTOR		1
Q8808, 09	MSD601-R	TRANSISTOR		2
Q8814	MSD601-R	TRANSISTOR		1
Q8900, 01	MSD601-R	TRANSISTOR		2
Q8902	MSB709-R	TRANSISTOR		1
Q8903	2SB709A-R	TRANSISTOR		1
Q8904, 05	2SA1532-B	TRANSISTOR		2
Q8906	2SB709A-R	TRANSISTOR		1
Q8950	2SC2404-C	TRANSISTOR		1
Q8951, 52	MSB709-R	TRANSISTOR		2
Q8953	MSD601-R	TRANSISTOR		1
Q8954-56	MSB709-R	TRANSISTOR		3
Q8957-60	MSD601-R	TRANSISTOR		4
Q8990	2SA1532-B	TRANSISTOR		1
Q8991	2SB709A-R	TRANSISTOR		1
R8050-53	ERJ3GEYJ102	M. RESISTOR CH 1/16W	1K	4
R8054-57	ERJ3GEYJ101	M. RESISTOR CH 1/16W	100	4
R8059	ERJ3GEYJ101	M. RESISTOR CH 1/16W	100	1
R8061, 62	ERJ3GEYJ101	M. RESISTOR CH 1/16W	100	2
R8064	ERJ3GEYJ101	M. RESISTOR CH 1/16W	100	1
R8065, 66	ERJ3GEYJ102	M. RESISTOR CH 1/16W	1K	2
R8070	ERJ3GEYJ153	M. RESISTOR CH 1/16W	15K	1
R8071	ERJ3GEYJ333	M. RESISTOR CH 1/16W	33K	1
R8072	ERJ3GEYJ102	M. RESISTOR CH 1/16W	1K	1
R8073	ERJ3GEYJ103	M. RESISTOR CH 1/16W	10K	1
R8074	ERJ3GEYJ222	M. RESISTOR CH 1/16W	2.2K	1
R8075	ERJ3GEYJ152	M. RESISTOR CH 1/16W	1.5K	1
R8076	ERJ3GEYJ821	M. RESISTOR CH 1/16W	820	1
R8077	ERJ3GEYJ223	M. RESISTOR CH 1/16W	22K	1
R8078	ERJ3GEYJ333	M. RESISTOR CH 1/16W	33K	1
R8079	ERJ3GEYJ105	M. RESISTOR CH 1/16W	1M	1
R8080	ERJ3GEYJ823	M. RESISTOR CH 1/16W	82K	1
R8081, 82	ERJ3GEYJ102	M. RESISTOR CH 1/16W	1K	2
R8083	ERJ3GEYJ563	M. RESISTOR CH 1/16W	56K	1
R8084	ERJ3GEYJ183	M. RESISTOR CH 1/16W	18K	1
R8085	ERJ3GEYJ333	M. RESISTOR CH 1/16W	33K	1
R8086, 87	ERJ3GEYJ563	M. RESISTOR CH 1/16W	56K	2
R8088, 89	ERJ3GEYJ332	M. RESISTOR CH 1/16W	3.3K	2
R8090	ERJ3GEYJ102	M. RESISTOR CH 1/16W	1K	1
R8091	ERJ3GEYJ101	M. RESISTOR CH 1/16W	100	1
R8092, 93	ERJ3GEYJ102	M. RESISTOR CH 1/16W	1K	2
R8094	ERJ3GEYJ333	M. RESISTOR CH 1/16W	33K	1
R8100-08	ERJ3GEYJ102	M. RESISTOR CH 1/16W	1K	9
R8112	ERJ3GEY0R00	M. RESISTOR CH 1/16W	0	1
R8113-23	ERJ3GEYJ102	M. RESISTOR CH 1/16W	1K	11
R8125, 26	ERJ3GEYJ102	M. RESISTOR CH 1/16W	1K	2



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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R8127	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R8128	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8129, 30	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R8131	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R8132	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8133, 34	ERJ6RBD331	M.RESISTOR CH 1/10W 330	2	
R8137	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8139	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8140	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R8158	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8160, 61	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R8162	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R8163	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8164, 65	ERJ6RBD822	M.RESISTOR CH 1/10W 8.2K	2	
R8166	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	1	
R8167	ERJ6RBD512	M.RESISTOR CH 1/10W 5.1K	1	
R8168	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R8169	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R8170	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R8171, 72	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	2	
R8173	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R8174	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R8175	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R8176	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R8177, 78	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	2	
R8179	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R8180	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R8181	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R8182	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R8183	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R8200	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R8202	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R8208-14	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	7	
R8216	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R8217-28	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	12	
R8232-34	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	3	
R8235	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R8237	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8238	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R8240	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R8241	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R8242	ERJ6RBD822	M.RESISTOR CH 1/10W 8.2K	1	
R8243	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8244	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R8246	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R8257, 58	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R8260	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R8261	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R8262-64	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R8265	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R8266	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8267-69	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R8270	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8271	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R8280, 81	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R8282, 83	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	2	
R8284	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R8285	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R8286	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R8287, 88	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	2	
R8289	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8291	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R8292	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R8293	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R8294	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R8295	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8300-13	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	14	
R8315, 16	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R8317	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8318-23	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	6	
R8324	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8325	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R8326	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8333, 34	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R8340, 41	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R8342	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R8343	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R8344	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8345	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R8346	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8350-58	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	9	
R8360	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R8362	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R8364	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R8366	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8370-84	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	15	
R8386	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8388-90	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	3	
R8430	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R8432-39	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	8	
R8442, 43	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	2	
R8444-67	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	24	
R8468-91	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	24	
R8500-02	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R8503	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8504	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R8505-07	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	3	
R8510-31	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	22	
R8550-60	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	11	
R8576-78	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	3	
R8650	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8651-53	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	3	
R8654	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R8655	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R8656, 57	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	2	
R8658	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R8659	ERJ3GEYJ684	M.RESISTOR CH 1/16W 680K	1	
R8660	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R8661	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R8662	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8663	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	1	
R8664	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8665	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R8666	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1	
R8667	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8668	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R8669	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1	
R8700	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R8701, 02	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R8703	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8704, 05	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2	
R8706	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8707	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R8709, 10	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R8711	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R8712	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R8713	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R8716	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8717, 18	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R8719	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8720, 21	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	2	
R8722	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8723	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R8724	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R8730	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R8731	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8732	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R8733	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R8734	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8735	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R8736	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8737	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R8739	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R8740	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R8741	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R8744	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R8745, 46	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R8747	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8748, 49	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R8750	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R8751, 52	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	2	
R8753	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8754	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R8761	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R8762	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8763	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R8764	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R8765	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8766	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R8767	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8768	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R8769	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R8770	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R8771	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R8772	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R8775	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R8776	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8780	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R8797	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R8798	ERJ6RBD151	M.RESISTOR CH 1/10W 150	1	
R8799	ERJ6RBD752	M.RESISTOR CH 1/10W 7.5K	1	
R8804	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R8805, 06	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	2	
R8807	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R8808	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R8810	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R8811	ERJ3GEYJ6822	M.RESISTOR CH 1/16W 8.2K	1	
R8812	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R8814	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R8815	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R8816	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R8817	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R8818	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R8819, 20	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R8821	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R8822	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8823	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R8824, 25	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R8826, 27	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	2	
R8828	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R8829	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R8830	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R8831	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R8832	ERJ3GEYJ154	M.RESISTOR CH 1/16W 150K	1	
R8833	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R8834-36	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	3	
R8837	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R8838	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R8839	ERJ3GEYOR00	M.RESISTOR CH 1/10W 0	1	
R8840-42	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	3	
R8843	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R8844	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R8845, 46	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R8847	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R8848	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R8849, 50	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R8851	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R8852	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R8867	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8868	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R8872	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R8876	ERJ3GEYOR00	M.RESISTOR CH 1/10W 0	1	
R8878, 79	ERJ6RBD301	M.RESISTOR CH 1/10W 300	2	
R8880	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R8881	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R8882	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R8883	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R8884	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8885	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R8886	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R8887	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R8888	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R8889	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8900	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R8901	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R8902, 03	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	2	
R8904	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R8906	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R8907	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8908	ERJ6RBD151	M.RESISTOR CH 1/10W 150	1	
R8909	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R8910, 11	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	2	
R8912	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R8913	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R8915, 16	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	2	
R8917	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8918	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R8919, 20	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	2	
R8921	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R8922	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R8923	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R8924	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R8925	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R8926, 27	ERJ6RBD821	M.RESISTOR CH 1/10W 820	2	
R8928, 29	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R8930	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R8931, 32	ERJ6RBD821	M.RESISTOR CH 1/10W 820	2	
R8933	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R8934, 35	ERJ6RBD821	M.RESISTOR CH 1/10W 820	2	
R8936	VRE006610102	M.RESISTOR CH 1/10W 1K	1	
R8937	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R8938	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R8939	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8940	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R8941	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R8942, 43	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R8944	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R8945	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R8950	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R8951	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R8952	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R8953	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8954	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R8955, 56	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2	
R8957	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8958	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R8959	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8960, 61	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2	
R8962	ERJ6RBD221	M.RESISTOR CH 1/10W 220	1	
R8963	ERJ6RBD181	M.RESISTOR CH 1/10W 180	1	
R8964	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R8965	ERJ6RBD201	M.RESISTOR CH 1/10W 200	1	
R8966	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8967	ERJ6RBD151	M.RESISTOR CH 1/10W 150	1	
R8968	ERJ6RBD752	M.RESISTOR CH 1/10W 7.5K	1	
R8969	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8970	ERJ6RBD121	M.RESISTOR CH 1/10W 120	1	
R8971	ERJ6RBD271	M.RESISTOR CH 1/10W 270	1	
R8972	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8973	ERJ6RBD121	M.RESISTOR CH 1/10W 120	1	
R8974	ERJ6RBD271	M.RESISTOR CH 1/10W 270	1	
R8975	ERJ6RBD221	M.RESISTOR CH 1/10W 220	1	
R8976	ERJ6RBD181	M.RESISTOR CH 1/10W 180	1	
R8977	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R8978	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8979	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R8980	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8981	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R8982	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R8983-85	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R8986	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R8987	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R8988	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R8989	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R8990	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R8991	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R8992, 93	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	2	
R8994	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R8995	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R8996	ERJ3GEYOR00	M.RESISTOR CH 1/10W 0	1	

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8997, 98	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2		C66	ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
R8999	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1		C67	ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
SW8950	VSS0372	SWITCH	1		C68-73	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	6	
TG8001-04	VJR0646	TEST POINT	4		C80, 81	ECEVICV4700	E.CAPACITOR CH 16V 47U	2	
TH8800	ERTD2FHL102S	THERMISTOR 1K	1		C82-86	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	5	
TP8070	VJR0646	TEST POINT	1		C87-89	ECEV1HV0RTQ	E.CAPACITOR CH 50V 0.1U	3	
TP8100-06	VJR0646	TEST POINT	7		C90	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
TP8200	VJR0646	TEST POINT	1		C91	ECEVICV100Q	E.CAPACITOR CH 16V 10U	1	
TP8650, 51	VJR0646	TEST POINT	2		C92	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
VC8070	ECV1ZW20X53T	TRIMMER	1		C93	ECEVICV100Q	E.CAPACITOR CH 16V 10U	1	
VR8100	VRV0113B202	V.RESISTOR 2K	1		C94	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
VR8101	VRV0113B502	V.RESISTOR 5K	1		C96, 97	ECUM1H470JCN	C.CAPACITOR CH 50V 47P	2	
VR8102	VRV0113B202	V.RESISTOR 2K	1		C100-02	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	3	
VR8160	VRV0161B203	V.RESISTOR 20K	1		C110-24	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	15	
VR8201	VRV0161B502	V.RESISTOR 5K	1		C130-39	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	10	
VR8260	VRV0161B502	V.RESISTOR 5K	1		C200	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
VR8280	VRV0161B203	V.RESISTOR 20K	1		C201, 02	ECEVICV4700	E.CAPACITOR CH 16V 47U	2	
VR8700	VRV0161B101	V.RESISTOR 100	1		C203	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
VR8701	VRV0113B102	V.RESISTOR 1K	1		C204	ECEV0JV4700	E.CAPACITOR CH 16V 47U	1	
VR8702	VRV0161B102	V.RESISTOR 1K	1		C205	ECCF1H221JC	C.CAPACITOR 50V 220P	1	
VR8703	VRV0113B102	V.RESISTOR 1K	1		C210-12	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	3	
VR8704	VRV0161B101	V.RESISTOR 100	1		C213	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
VR8705	VRV0161B102	V.RESISTOR 1K	1		C214	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
VR8706	VRV0161B101	V.RESISTOR 100	1		C215	ECEVICV4700	E.CAPACITOR CH 16V 47U	1	
VR8801	VRV0161B203	V.RESISTOR 20K	1		C216	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
VR8802, 03	VRV0161B502	V.RESISTOR 5K	2		C217, 18	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
VR8804, 05	VRV0161B102	V.RESISTOR 1K	2		C219	ECUM1H121JCN	C.CAPACITOR CH 50V 120P	1	
VR8806, 07	VRV0161B202	V.RESISTOR 2K	2		C220	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
VR8900	VRV0161B502	V.RESISTOR 5K	1		C221	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
VR8901	VRV0113B102	V.RESISTOR 1K	1		C222, 23	ECEVICV4700	E.CAPACITOR CH 16V 47U	2	
VR8902	VRV0113B502	V.RESISTOR 5K	1		C224	ECEVICV100Q	E.CAPACITOR CH 16V 10U	1	
VR8903	VRV0161B102	V.RESISTOR 1K	1		C225, 26	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	
VR8950	VRV0113B102	V.RESISTOR 1K	1		C227	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
X8070	VXS0081	CRYSTAL OSCILLATOR	1		C228	ECEV1HN3R3Q	E.CAPACITOR CH 50V 3.3U	1	
X8160	VXS0338	CRYSTAL OSCILLATOR	1		C229	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
X8260	VXS0788	CRYSTAL OSCILLATOR	1		C230	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
X8280	VXS0338	CRYSTAL OSCILLATOR	1		C231, 32	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2	
		MISCELLANEOUS			C240-43	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	4	
	VML2143	CARD PULLER	1		C250-57	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	8	
	VML2144	CARD PULLER	1		C260-66	ECUX1H221KBN	C.CAPACITOR CH 50V 220P	7	
					C290-96	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	7	
■ VEP84292C	F6 PROC P.C.BOARD		1 (RTL)		D200	MA152A	DIODE	1	
C1, C2	ECEVICV4700	E.CAPACITOR CH 16V 47U	2		D201, 02	MA157	DIODE	2	
C3	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1		D203	MA152A	DIODE	1	
C4, C5	ECEVICV4700	E.CAPACITOR CH 16V 47U	2		FL2	VLF1016A470	FILTER	1	
C6	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1		IC1, C2	MC74HC541AF	IC	2	
C7	ECEVICV4700	E.CAPACITOR CH 16V 47U	1		IC4	MC10H125M	IC	1	
C8	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1		IC5	MC74HC153F	IC	1	
C9	ECEVICV4700	E.CAPACITOR CH 16V 47U	1		IC6, C7	MC74HC541AF	IC	2	
C10	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1		IC8	MC10H124M	IC	1	
C20-23	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	4		IC9	MC74HC157AF	IC	1	
C25, 26	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	2		IC10	AD1893JST	IC	1	
C27	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1		IC11	K6256CLG7L	IC	1	
C30	ECCF1H102KB	C.CAPACITOR 50V 1000P	1		IC12	T16GH7AF1216	IC	1	
C40	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1		IC13	K6256CLG7L	IC	1	
C41	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1		IC14	MN53030VPR	IC	1	
C42	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1		IC15, 16	K6256CLG7L	IC	2	
C43-49	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	7		IC17	74AC04SJ	IC	1	
C60-64	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	5		IC18, 19	74AC374SJ	IC	2	
C65	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1		IC20	TMSD72274PH	IC	1	
					IC23	MC74HC4075F	IC	1	
					IC24	NJM78L05UA	IC	1	
					IC25	MC4044M	IC	1	
					IC26	74AC04SJ	IC	1	
					IC27	NJM78L05UA	IC	1	
					IC28	MC4044M	IC	1	
					IC30, 31	MC74HC541AF	IC	2	
					IC34	MC74HC04AF	IC	1	
					IC35	SN74S1051NS	IC	1	
					IC36	74ALS541SJ	IC	1	
					IC37	74ALS245ASJ	IC	1	
					IC38	SN74S1051NS	IC	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC39, 40	74ALS541SJ	IC	2		R80, 81	ERJ6GEYG152	M.RESISTOR CH 1/10W 1.5K	2	
IC41	MC74HC32AF	IC	1		R82	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	1	
IC42	MC74HC138AF	IC	1		R83	ERJ6GEYG392	M.RESISTOR CH 1/10W 3.9K	1	
IC43	UPD71055GB	IC	1		R84, 85	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
IC44, 45	MC74HC74AF	IC	2		R86, 87	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	2	
IC46	MC74HC04AF	IC	1		R88-91	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	4	
IC50	T74HCT541AF	IC	1		R100	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
IC51	MC74HC74AF	IC	1		R103, 04	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	2	
IC52	MC74HC157AF	IC	1		R110-32	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	23	
IC53	MC74HC138AF	IC	1		R133-36	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	4	
IC54	MC74HC08AF	IC	1		R137-40	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	4	
IC55	MB621926	IC	1		R141-46	ERJ6GEYG152	M.RESISTOR CH 1/10W 1.5K	6	
IC56	K6256CLG7L	IC	1		R147-50	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	4	
IC57	MC74HC157AF	IC	1		R151-55	ERJ6GEYG152	M.RESISTOR CH 1/10W 1.5K	5	
IC58	UPD71055GB	IC	1		R163-65	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	3	
IC200	MC74HC541AF	IC	1		R170-78	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	9	
IC201	TL7705CPSB	IC	1		R180-85	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	6	
IC202	DS9637ACN	IC	1		R187-90	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	4	
IC203	NJM360M	IC	1		R194-96	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	3	
IC204	NJM78L05UA	IC	1		R200	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	1	
IC205	74AC04SJ	IC	1		R201	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
IC206	SN75158P	IC	1		R203	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
IC207	L7A0541	IC	1		R212, 13	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	2	
IC208	MC74HC08AF	IC	1		R214	ERJ6PBD111	M.RESISTOR CH 1/10W 110	1	
IC209	MC74HC74AF	IC	1		R215	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	1	
IC210	MC74HC157AF	IC	1		R216	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
IC211	L7A0541	IC	1		R217	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
IC212	MC74HC74AF	IC	1		R218	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	1	
IC213	MC74HC04AF	IC	1		R219	ERJ6GEYJ820	M.RESISTOR CH 1/10W 82	1	
IC214	UPD42101G-3	IC	1		R220	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
IC215	MC74HC157AF	IC	1		R221	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
IC216	UPD42101G-3	IC	1		R222	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
IC217	MB621926	IC	1		R223	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
IC218	K6256CLG7L	IC	1		R224, 25	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
IC219, 20	MB621926	IC	2		R226	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
IC221, 22	K6256CLG7L	IC	2		R227	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
IC231	MC74HC74AF	IC	1		R228	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	1	
L1, L2	VLP0133	COIL	2		R230, 31	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	2	
L3	VL00426J1R8	COIL 1.8UH	1		R232	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
L200	VL00426J1R8	COIL 1.8UH	1		R240, 41	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	2	
P1, P2	VJP3454B096	CONNECTOR (MALE)	2		R242	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
P3	VJP3635A068	CONNECTOR (MALE)	1		R250, 51	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
Q200	2SJ43-Q	TRANSISTOR	1		R252-58	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	7	
Q201-03	2SC2188	TRANSISTOR	3		R262-64	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	3	
R1-R8	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	8		R266	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	1	
R9	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1		R268	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R10	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1		R271	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R11	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1		R273, 74	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	2	
R12	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1		R290-01	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	12	
R13, 14	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	2		R305-08	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	4	
R15-22	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	8		R311	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R23	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	1		R313	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R24, 25	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2		R315	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R26-28	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	3		R317	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R29	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1		R321-23	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	3	
R30-36	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	7		R325	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R37	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1		R327	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R38-45	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	8		R329	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R46, 47	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2		R350	ERJ6PBD111	M.RESISTOR CH 1/10W 110	1	
R48	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1		R357	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R50	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	1		SS200, 01	VJS1940	CONNECTOR (FEMALE)	2	
R51	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1		SW200, 01	VJP1940	CONNECTOR (MALE)	2	
R52-56	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	5		T200, 01	VLT0890	TRANSFORMER	2	
R57-59	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	3		TG1-03	VJR0646	TEST POINT	3	
R60	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	1		TP1-P8	VJR0646	TEST POINT	8	
R61	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1		TP10-20	EYF6CU	TEST POINT	11	
R62	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	1		TP200-03	VJR0646	TEST POINT	4	
R66-69	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	4		X1	VXS0519	CRYSTAL OSCILLATOR	1	
R70-74	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	5		X2	VXS0453	CRYSTAL OSCILLATOR	1	
R76	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1						
R78	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1						



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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
X3	VSX0450	CRYSTAL OSCILLATOR	1		C5216-21	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	6	
X4	VSX0391	CRYSTAL OSCILLATOR	1		C5224-31	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	8	
X200	VSX0392	CRYSTAL OSCILLATOR	1		C5232	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
		MISCELLANEOUS			C5233	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
					C5234	ECUM1H152KBN	C.CAPACITOR CH 50V 1500P	1	
					C5235, 36	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
	VML2143	CARD PULLER	1		C5237	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
	VML2144	CARD PULLER	1		C5238	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
					C5240-43	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	4	
					C5244	ECUM1H821JCN	C.CAPACITOR CH 50V 820P	1	
					C5245	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
					C5247	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
					C5249	ECUM1C104KBN	C.CAPACITOR CH 16V 0.1U	1	
	■ VEP84308A	MONI SUB P.C.BOARD	1 (RTL)		C5250	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
					C5252-55	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	4	
					C5256-59	ECUM1H152KBN	C.CAPACITOR CH 50V 1500P	4	
C1	ECEV1CV4700	E.CAPACITOR CH 16V 47U	1		C5260-62	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	3	
C2-C9	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	8		C5301, 02	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
C10	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1		C5308-11	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	4	
C11, 12	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	2		C5312	ECUM1H122KBN	C.CAPACITOR CH 50V 1200P	1	
C13, 14	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2		C5313-22	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	10	
					C5325-33	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	9	
IC1	74F540SJ	IC	1		C5334	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
IC2	SN74ALS541S	IC	1		C5335	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
IC3, C4	11016E-100LT	IC	2		C5336	ECUM1H152KBN	C.CAPACITOR CH 50V 1500P	1	
IC5	AD1893JST	IC	1		C5337, 38	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
					C5339	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
P1	VJS3886A068	CONNECTOR (FEMALE)	1		C5340-44	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	5	
P2	VJP3125B008	CONNECTOR (MALE)	1		C5346	ECUM1H821JCN	C.CAPACITOR CH 50V 820P	1	
					C5347, 48	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
R1	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1		C5350	ECUM1C104KBN	C.CAPACITOR CH 16V 0.1U	1	
R2-R6	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	5		C5352-56	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	5	
R7	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1		C5357-60	ECUM1H152KBN	C.CAPACITOR CH 50V 1500P	4	
R9-11	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	3		C5361-63	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	3	
R16, 17	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2		C5402-05	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	4	
					C5406	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
TG1-G3	VJR0646	TEST POINT	3		C5407-10	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	4	
TP1-13	EYF6CU	TEST POINT	13		C5411	ECEV0JV3300	E.CAPACITOR CH6.3V 33U	1	
					C5412, 13	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
X1	VSX0519	CRYSTAL OSCILLATOR	1		C5416-22	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	7	
		MISCELLANEOUS			C5424, 25	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
					C5502-05	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	4	
	VMS6082	HEX SPACER	3		C5506	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
	XYN3+K6RS	SCREW	6		C5507-21	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	15	
					C5601	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
	■ VEP85166A	H3/4 E01/E02 P.C. BOARD	1 (RTL)		C5602	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
	■ VEP85169A	H3/4 SUB P.C. BOARD	1 (RTL) FOR VEP85166A		C5603-05	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	3	
					C5701-03	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	3	
					C5704-06	ECEV1CV4700	E.CAPACITOR CH 16V 47U	3	
					C5707-13	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	7	
					C5714, 15	ECEV0JV4700	E.CAPACITOR CH6.3V 47U	2	
C1-C4	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	4		C5716, 17	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
C11, 12	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2		C5718	ECEV1CV4700	E.CAPACITOR CH 16V 47U	1	
C5001, 02	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2		C5719	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C5003, 04	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	2		C5720, 21	ECEV1CV4700	E.CAPACITOR CH 16V 47U	2	
C5005-07	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	3		C5722, 23	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
C5010-13	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	4		C5724	ECEV1CV4700	E.CAPACITOR CH 16V 47U	1	
C5014, 15	ECUM1H122KBN	C.CAPACITOR CH 50V 1200P	2		C5725	ECEA1AGE471	E.CAPACITOR 10V 470U	1	
C5016	ECUM1H102JCN	C.CAPACITOR CH 50V 1000P	1		C5726	ECEV1CV4700	E.CAPACITOR CH 16V 47U	1	
C5017-26	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	10		C5727-29	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	3	
C5101, 02	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2		C5731	ECEV1EV1000	E.CAPACITOR CH 25V 10U	1	
C5103, 04	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	2		C5733	ECEV1CV2200	E.CAPACITOR CH 16V 22U	1	
C5105-07	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	3						
C5110	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1		D5001	MA3020	DIODE	1	
C5113	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1		D5101	MA3020	DIODE	1	
C5120-22	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	3		D5401	MA152K	DIODE	1	
C5123, 24	ECUM1H122KBN	C.CAPACITOR CH 50V 1200P	2						
C5125	ECUM1H102JCN	C.CAPACITOR CH 50V 1000P	1		FL5701	VLF0931	FILTER	1	
C5126-34	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	9		FL5702, 03	VLF1016A470	FILTER	2	
C5201	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1		FL5704-06	VLF0931	FILTER	3	
C5205	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1						
C5208, 09	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2		IC1	74F74SJ	IC	1	
C5210	ECUM1H122KBN	C.CAPACITOR CH 50V 1200P	1		IC2	74F163ASJ	IC	1	
C5211-14	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	4		IC3	74F32SJ	IC	1	
					IC11	74F74SJ	IC	1	



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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC12	74F163ASJ	IC	1	
IC5001	AN3730FA	IC	1	
IC5102	AN3730FA	IC	1	
IC5203	TC7S32F	IC	1	
IC5205	NJM319M	IC	1	
IC5206	MC14053BF	IC	1	
IC5207	MC74HC4066F	IC	1	
IC5208, 09	NJM082BM	IC	2	
IC5210	AN3740FAP	IC	1	
IC5301	NJM082BM	IC	1	
IC5304	MC14053BF	IC	1	
IC5306	TC7S32F	IC	1	
IC5307	NJM319M	IC	1	
IC5308	MC74HC4066F	IC	1	
IC5309, 10	NJM082BM	IC	2	
IC5311	AN3740FAP	IC	1	
IC5401	UPC1663G	IC	1	
IC5402	AD9057BRS	IC	1	
IC5403	S80730ANDT	IC	1	
IC5404	NJM084M	IC	1	
IC5405	T74VHC244F	IC	1	
IC5406	MC10H124M	IC	1	
IC5408	TC6326AF	IC	1	
IC5501	UPC1663G	IC	1	
IC5502	AD9057BRS	IC	1	
IC5503	NJM084M	IC	1	
IC5504	T74VHC244F	IC	1	
IC5505	TC6326AF	IC	1	
IC5601	TCVHC04FS	IC	1	
IC5602	MB88344PFV	IC	1	
IC5701	XC62AP3002P	IC	1	
IC5702	XC62AP3202P	IC	1	
IC5703	AN7805F	IC	1	
IC5704	AN7905F	IC	1	
L5603	VLQ0163J100	COIL 10UH	1	
P5701	VJP3454B096	CONNECTOR (MALE)	1	
P5702	VJP1231R	CONNECTOR (MALE)	1	
P5703	VJP1231T	CONNECTOR (MALE) 4P	1	
Q5001	2SC2295-B	TRANSISTOR	1	
Q5002	XN5531	TRANSISTOR-RESISTOR	1	
Q5003	2SC2295-B	TRANSISTOR	1	
Q5004	XN5531	TRANSISTOR-RESISTOR	1	
Q5005-07	2SC2295-B	TRANSISTOR	3	
Q5009	2SC2295-B	TRANSISTOR	1	
Q5101	2SC2295-B	TRANSISTOR	1	
Q5102	XN5531	TRANSISTOR-RESISTOR	1	
Q5103	2SC2295-B	TRANSISTOR	1	
Q5104	XN5531	TRANSISTOR-RESISTOR	1	
Q5105-07	2SC2295-B	TRANSISTOR	3	
Q5109	2SC2295-B	TRANSISTOR	1	
Q5201-03	2SC2295-B	TRANSISTOR	3	
Q5204	2SA1022-B	TRANSISTOR	1	
Q5301-03	2SC2295-B	TRANSISTOR	3	
Q5304	2SA1022-B	TRANSISTOR	1	
Q5701, 02	2SB710A-R	TRANSISTOR	2	
Q5703, 04	2SB956-R	TRANSISTOR	2	
R1	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R2	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R11	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R12	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R5001, 02	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	2	
R5003-05	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	3	
R5006	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R5007	ERJ6GEYG391	M.RESISTOR CH 1/10W 390	1	
R5008	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5009	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R5010, 11	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R5012	ERJ6GEYG391	M.RESISTOR CH 1/10W 390	1	
R5013, 14	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R5015	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	1	
R5016	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R5018	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R5019	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	1	
R5020	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5022	ERJ6GEYG121	M.RESISTOR CH 1/10W 120	1	
R5023	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5024	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	1	
R5025	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5026	ERJ6GEYG121	M.RESISTOR CH 1/10W 120	1	
R5027	ERJ6GEYG152	M.RESISTOR CH 1/10W 1.5K	1	
R5028	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5029	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R5031	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5034	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5035	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R5036	ERJ6GEYG122	M.RESISTOR CH 1/10W 1.2K	1	
R5037	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R5038	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5039	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R5101, 02	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	2	
R5103-06	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	4	
R5107	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R5108	ERJ6GEYG391	M.RESISTOR CH 1/10W 390	1	
R5109	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R5110-12	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	3	
R5113	ERJ6GEYG391	M.RESISTOR CH 1/10W 390	1	
R5114	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5115	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	1	
R5116	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R5118	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R5119	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	1	
R5120	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5122	ERJ6GEYG121	M.RESISTOR CH 1/10W 120	1	
R5123	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	1	
R5124	ERJ6GEYG121	M.RESISTOR CH 1/10W 120	1	
R5125	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5126	ERJ6GEYG152	M.RESISTOR CH 1/10W 1.5K	1	
R5128, 29	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R5131	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R5135	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R5139, 40	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R5141	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R5142	ERJ6GEYG122	M.RESISTOR CH 1/10W 1.2K	1	
R5143	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5144	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R5202	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R5206	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R5209-12	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	4	
R5215	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R5222	ERJ6GEYG273	M.RESISTOR CH 1/10W 27K	1	
R5223	ERJ6GEYG682	M.RESISTOR CH 1/10W 6.8K	1	
R5228	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R5230	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R5231, 32	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R5233	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R5234	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5235, 36	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	2	
R5237, 38	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	2	
R5239	ERJ6GEYG560	M.RESISTOR CH 1/10W 56	1	
R5240	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5241, 42	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	2	
R5243	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5244	ERJ6GEYG821	M.RESISTOR CH 1/10W 820	1	
R5245	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	1	
R5246	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	
R5247	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R5248	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5249	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R5250	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R5252	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R5253	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R5254	ERJ6GEYG680	M.RESISTOR CH 1/10W 68	1	
R5256	ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R5257	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5259, 60	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	2	
R5261, 62	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	2	

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R5264	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1		R5406, 07	ERJ6GEYG270	M. RESISTOR CH 1/10W 27	2	
R5266	ERJ6GEYG821	M. RESISTOR CH 1/10W 820	1		R5408-10	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	3	
R5267	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1		R5411, 12	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	2	
R5269	ERJ6GEYF822	M. RESISTOR CH 1/10W 8.2K	1		R5413, 14	ERJ6GEYG331	M. RESISTOR CH 1/10W 330	2	
R5270	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1		R5415	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1	
R5271	ERJ6GEYG182	M. RESISTOR CH 1/10W 1.8K	1		R5416	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1	
R5272	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1		R5417	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1	
R5273	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1		R5418	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1	
R5274	ERJ6GEYG153	M. RESISTOR CH 1/10W 15K	1		R5419	ERJ6GEYJ471	M. RESISTOR CH 1/10W 470	1	
R5275	ERJ6GEYG562	M. RESISTOR CH 1/10W 5.6K	1		R5421	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R5276	ERJ6GEYF822	M. RESISTOR CH 1/10W 8.2K	1		R5423	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1	
R5277	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1		R5426, 27	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	2	
R5278	ERJ6GEYG392	M. RESISTOR CH 1/10W 3.9K	1		R5428	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1	
R5279	ERJ6GEYF822	M. RESISTOR CH 1/10W 8.2K	1		R5432, 33	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	2	
R5280	ERJ6GEYG682	M. RESISTOR CH 1/10W 6.8K	1		R5435	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R5281	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1		R5436	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5282	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1		R5437	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1	
R5283, 84	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	2		R5439	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1	
R5301, 02	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	2		R5442	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R5303, 04	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2		R5443, 44	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	2	
R5315	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1		R5445, 46	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	2	
R5316-19	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	4		R5447-50	ERJ6GEYJ471	M. RESISTOR CH 1/10W 470	4	
R5320	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1		R5452-55	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	4	
R5323	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1		R5501	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1	
R5324	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1		R5503	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1	
R5333	ERJ6GEYG273	M. RESISTOR CH 1/10W 27K	1		R5505	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1	
R5334	ERJ6GEYG682	M. RESISTOR CH 1/10W 6.8K	1		R5506, 07	ERJ6GEYG270	M. RESISTOR CH 1/10W 27	2	
R5337	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1		R5508-10	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	3	
R5338	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1		R5511, 12	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	2	
R5340	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1		R5513, 14	ERJ6GEYG331	M. RESISTOR CH 1/10W 330	2	
R5341	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1		R5515	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1	
R5342	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1		R5516	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1	
R5343	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1		R5517	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1	
R5344	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1		R5518	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1	
R5345, 46	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	2		R5519	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1	
R5347	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1		R5522, 23	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	2	
R5348	ERJ6GEYG560	M. RESISTOR CH 1/10W 56	1		R5524	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1	
R5349	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1		R5528	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R5350, 51	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	2		R5529	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5352	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1		R5530, 31	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	2	
R5353	ERJ6GEYG821	M. RESISTOR CH 1/10W 820	1		R5532	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1	
R5354	ERJ6GEYG331	M. RESISTOR CH 1/10W 330	1		R5534	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1	
R5355	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1		R5535	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1	
R5356	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1		R5538, 39	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	2	
R5357	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1		R5540-43	ERJ6GEYJ471	M. RESISTOR CH 1/10W 470	4	
R5358	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1		R5544-47	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	4	
R5359	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1		R5601-03	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	3	
R5360	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1		R5604-06	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	3	
R5361	ERJ6GEYG680	M. RESISTOR CH 1/10W 68	1		R5607, 08	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	2	
R5363	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1		R5701, 02	ERJ14YJ180	M. RESISTOR CH 1/4W 18	2	
R5365, 66	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	2		R5703, 04	ERJ12YJ2R2	M. RESISTOR CH 1/2W 2.2	2	
R5367	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1						
R5369	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1		TG5001	VJR0646	TEST POINT	1	
R5371	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1		TG5101	VJR0646	TEST POINT	1	
R5372	ERJ6GEYJ224	M. RESISTOR CH 1/10W 220K	1		TG5201	VJR0646	TEST POINT	1	
R5373	ERJ6GEYG821	M. RESISTOR CH 1/10W 820	1		TG5301	VJR0646	TEST POINT	1	
R5374	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1						
R5375	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1		TP5001, 02	VJR0646	TEST POINT	2	
R5377	ERJ6GEYF822	M. RESISTOR CH 1/10W 8.2K	1		TP5101, 02	VJR0646	TEST POINT	2	
R5378	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1		TP5201	VJR0646	TEST POINT	1	
R5379	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	1		TP5203-05	VJR0646	TEST POINT	3	
R5380	ERJ6GEYG153	M. RESISTOR CH 1/10W 15K	1		TP5301	VJR0646	TEST POINT	1	
R5381	ERJ6GEYG182	M. RESISTOR CH 1/10W 1.8K	1		TP5303-05	VJR0646	TEST POINT	3	
R5382	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1		TP5401, 02	VJR0646	TEST POINT	2	
R5383	ERJ6GEYG562	M. RESISTOR CH 1/10W 5.6K	1		TP5501, 02	VJR0646	TEST POINT	2	
R5384	ERJ6GEYF822	M. RESISTOR CH 1/10W 8.2K	1						
R5385	ERJ6GEYG682	M. RESISTOR CH 1/10W 6.8K	1		VR5201	VRV0109B203	V. RESISTOR 20K	1	
R5386	ERJ6GEYF822	M. RESISTOR CH 1/10W 8.2K	1		VR5301	VRV0109B203	V. RESISTOR 20K	1	
R5387	ERJ6GEYG392	M. RESISTOR CH 1/10W 3.9K	1						
R5388	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1				MISCELLANEOUS		
R5389	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1						
R5390, 91	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	2						
R5401	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1			VML2143	CARD PULLER	1	
R5403	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1			VML2144	CARD PULLER	1	
R5405	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1			VJR0133	PIN	3	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	■ VEP84182B	H5 CUE/EERASE P.C. BOARD	1	(RTL)
C4001	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C4002	VCC0030	C. CAPACITOR	1	
C4003	ECEV1EN4R70	E. CAPACITOR CH 25V 4.7U	1	
C4004	ECUM1H822KBN	C. CAPACITOR CH 50V 8200P	1	
C4005, 06	ECUM1H272KBN	C. CAPACITOR CH 50V 2700P	2	
C4007	ECUM1H273KBN	C. CAPACITOR CH 50V 0.027U	1	
C4008	ECEV1CV1000	E. CAPACITOR CH 16V 10U	1	
C4009	ECEV1CV2200	E. CAPACITOR CH 16V 22U	1	
C4010	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C4011	ECEV1CV1000	E. CAPACITOR CH 16V 10U	1	
C4012	ECEV0JV1010	E. CAPACITOR CH6.3V 100U	1	
C4013	ECST1VY684Z	T. CAPACITOR CH 35V 0.68U	1	
C4014, 15	ECEV1CV1000	E. CAPACITOR CH 16V 10U	2	
C4016	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C4017	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4018	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4019	ECUM1H390JCN	C. CAPACITOR CH 50V 39P	1	
C4020	ECUM1E473KBN	C. CAPACITOR CH 25V 0.047U	1	
C4021	ECEV1CV2200	E. CAPACITOR CH 16V 22U	1	
C4022	ECUM1C394KBM	C. CAPACITOR CH 16V 0.39U	1	
C4023	ECEV1CV2200	E. CAPACITOR CH 16V 22U	1	
C4024, 25	ECUM1C394KBM	C. CAPACITOR CH 16V 0.39U	2	
C4026-28	ECHU1C104J	P. CAPACITOR 16V 0.1U	3	
C4029	ECUM1H333KBN	C. CAPACITOR CH 50V 0.033U	1	
C4030	ECUX1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C4031	ECEV1CV2200	E. CAPACITOR CH 16V 22U	1	
C4032, 33	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	2	
C4034	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4035	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C4036	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C4037	ECEV1EN4R70	E. CAPACITOR CH 25V 4.7U	1	
C4038	ECEV1CV2200	E. CAPACITOR CH 16V 22U	1	
C4039, 40	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	2	
C4041	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4042	ECEV1EN4R70	E. CAPACITOR CH 25V 4.7U	1	
C4043	ECUM1H822KBN	C. CAPACITOR CH 50V 8200P	1	
C4044	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4045	ECUM1H182KBN	C. CAPACITOR CH 50V 1800P	1	
C4046	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4047	ECUM1C224KBM	C. CAPACITOR CH 16V 0.22U	1	
C4048	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C4049	ECUM1C105KBM	C. CAPACITOR CH 16V 1U	1	
C4050	ECHU1C104J	P. CAPACITOR 16V 0.1U	1	
C4101, 02	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	2	
C4103, 04	ECUM1H820JCN	C. CAPACITOR CH 50V 82P	2	
C4105-07	ECEV1EN4R70	E. CAPACITOR CH 25V 4.7U	3	
C4108	ECEV0JV2200	E. CAPACITOR CH6.3V 22U	1	
C4109	ECEV1CV1000	E. CAPACITOR CH 16V 10U	1	
C4110	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C4111, 12	ECUM1C105KBM	C. CAPACITOR CH 16V 1U	2	
C4113, 14	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	2	
C4115, 16	ECUM1C105KBM	C. CAPACITOR CH 16V 1U	2	
C4117	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C4118	ECEV0JV2200	E. CAPACITOR CH6.3V 22U	1	
C4119	ECEV1CV1000	E. CAPACITOR CH 16V 10U	1	
C4120, 21	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	2	
C4122	ECEV0JV2200	E. CAPACITOR CH6.3V 22U	1	
C4123-25	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	3	
C4126	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C4127, 28	ECEV0JV2200	E. CAPACITOR CH6.3V 22U	2	
C4129	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C4130	ECEV0JV2200	E. CAPACITOR CH6.3V 22U	1	
C4133	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C4134, 35	ECEA1HGE330	E. CAPACITOR 50V 33U	2	
C4136, 37	ECUM1H030CCN	C. CAPACITOR CH 50V 3P	2	
C4138	ECEV1EN4R70	E. CAPACITOR CH 25V 4.7U	1	
C4139	ECEV1CV2200	E. CAPACITOR CH 16V 22U	1	
C4140, 41	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4142	ECEV1CV2200	E. CAPACITOR CH 16V 22U	1	
C4143-46	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	4	
C4147, 48	ECUM1C105KBM	C. CAPACITOR CH 16V 1U	2	
C4201, 02	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	2	
C4203	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C4204, 05	ECEV1CV1000	E. CAPACITOR CH 16V 10U	2	
C4206	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4207	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C4208	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4209, 10	ECEV1CV1000	E. CAPACITOR CH 16V 10U	2	
C4211	ECEV1CV2200	E. CAPACITOR CH 16V 22U	1	
C4212	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C4213	ECEV1CV2200	E. CAPACITOR CH 16V 22U	1	
C4214	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C4215	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4216, 17	ECEA1CGE101	E. CAPACITOR 16V 100U	2	
C4218	ECEV1CV2200	E. CAPACITOR CH 16V 22U	1	
C4219	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C4220	ECEV1CV2200	E. CAPACITOR CH 16V 22U	1	
C4221	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C4222	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4223-25	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	3	
C4226	ECEV1CV1000	E. CAPACITOR CH 16V 10U	1	
C4227, 28	ECUM1C474KBM	C. CAPACITOR CH 16V 0.47U	2	
C4229, 30	ECUM1H472KBN	C. CAPACITOR CH 50V 4700P	2	
C4231	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4232	ECEV1CV1000	E. CAPACITOR CH 16V 10U	1	
C4233	ECHU1H223JB	P. CAPACITOR 50V 0.022U	1	
C4234	ECEV1HV4R70	E. CAPACITOR CH 50V 4.7U	1	
C4235	VCF2JAB681J	C. CAPACITOR 630V 680P	1	
C4236	ECUM1C474KBM	C. CAPACITOR CH 16V 0.47U	1	
C4237	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4238	ECUM1C474KBM	C. CAPACITOR CH 16V 0.47U	1	
C4239	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C4240	ECEV1CV2200	E. CAPACITOR CH 16V 22U	1	
C4241	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C4242	VCF2GAB682J	C. CAPACITOR 400V 6800P	1	
C4243	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4244	ECEV1CV2200	E. CAPACITOR CH 16V 22U	1	
C4245	VCF2GAB682J	C. CAPACITOR 400V 6800P	1	
C4246, 47	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	2	
C4301	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C4302-05	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	4	
C4351-53	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	3	
C4354-56	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	3	
D4101	MA152A	DIODE	1	
D4102-04	MA157	DIODE	3	
D4201, 02	MA157	DIODE	2	
D4203-05	MA152A	DIODE	3	
FL4001	E1R70F012B	TRANSFORMER	1	
FL4002	VLF1069	FILTER	1	
FL4201, 02	VLF0941C223	FILTER	2	
IC4001	NJM4580ED	IC	1	
IC4002	MC14053BF	IC	1	
IC4003	CXA1102M	IC	1	
IC4004, 05	NJM4580ED	IC	2	
IC4006	MC14052BF	IC	1	
IC4008	NJM4580ED	IC	1	
IC4009	AN78N09	IC	1	
IC4010	AN79N09	IC	1	
IC4011, 12	NJM4580ED	IC	2	
IC4101, 02	AD7945BR	IC	2	
IC4103-05	NJM4580ED	IC	3	
IC4106	MC14053BF	IC	1	
IC4107	NJM4580ED	IC	1	
IC4108	XC62AP3002P	IC	1	
IC4109	AK4503VF	IC	1	
IC4110	T74VHCT244F	IC	1	
IC4111	T74VHCT244F	IC	1	
IC4112	NJM4580ED	IC	1	
IC4113	MC14052BF	IC	1	
IC4114	NJM4580ED	IC	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC4115	NJM78L05UA	IC	1		R4032	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	
IC4116	NJM79L05UA	IC	1		R4033, 34	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	2	
IC4201	MC14052BF	IC	1		R4035	ERJ6RBD152	M.RESISTOR CH 1/10W 1.5K	1	
IC4202	NJM4580ED	IC	1		R4036	ERJ6RBD392	M.RESISTOR CH 1/10W 3.9K	1	
IC4203	NJM2043MD	IC	1		R4037	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
IC4204, 05	A0V212SX	IC	2		R4038	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
IC4206	AN78N09	IC	1		R4039, 40	ERJ6RBD122	M.RESISTOR CH 1/10W 1.2K	2	
IC4301, 02	SN74S1051NS	IC	2		R4041	ERJ6RBD823	M.RESISTOR CH 1/10W 82K	1	
IC4303	74ALS245ASJ	IC	1		R4044	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
IC4304	74ALS541SJ	IC	1		R4045	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
IC4305	74AC139SJ	IC	1		R4046	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
IC4306	MB89363BHPF	IC	1		R4047, 48	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
IC4351	MB621926	IC	1		R4049	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
IC4352	MNS4400CJ7	IC	1		R4051	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
IC4353	MC74HC541AF	IC	1		R4052	ERJ6RBD202	M.RESISTOR CH 1/10W 2K	1	
IC4354, 55	MC74HC164F	IC	2		R4053	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	1	
IC4356	TC7SU04F	IC	1		R4054	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	
IC4357	TC7W74F	IC	1		R4055	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
IC4358, 59	TC4W53F	IC	2		R4056	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
L4001	VL00423J472	COIL 4700UH	1		R4057	ERJ6RBD152	M.RESISTOR CH 1/10W 1.5K	1	
P4001	VJP3454B096	CONNECTOR (MALE)	1		R4058, 59	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	2	
P4002	VJP1230T	CONNECTOR (MALE) 3P	1		R4060, 61	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
P4003	VJP1233T	CONNECTOR (MALE) 6P	1		R4062, 63	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
Q4001, 02	2SD1149-R	TRANSISTOR	2		R4064-66	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	3	
Q4003	2SB792-R	TRANSISTOR	1		R4068, 69	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
Q4004, 05	2SD602A-R	TRANSISTOR	2		R4071	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
Q4006	2SB710A-R	TRANSISTOR	1		R4072	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
Q4101-03	2SD1328	TRANSISTOR	3		R4101	ERJ6RBD123	M.RESISTOR CH 1/10W 12K	1	
Q4201	2SD1994A-R	TRANSISTOR	1		R4102	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
Q4202	2SB1322A-R	TRANSISTOR	1		R4103	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
Q4203	2SD1994A-R	TRANSISTOR	1		R4104	ERJ6RED124	M.RESISTOR CH 1/10W 120K	1	
Q4204	2SB1322A-R	TRANSISTOR	1		R4105	ERJ6RBD363	M.RESISTOR CH 1/10W 36K	1	
Q4205	2SD602A-R	TRANSISTOR	1		R4106	ERJ6RBD682	M.RESISTOR CH 1/10W 6.8K	1	
Q4206, 07	2SB710A-R	TRANSISTOR	2		R4107	ERJ6RBD123	M.RESISTOR CH 1/10W 12K	1	
Q4208	2SD602A-R	TRANSISTOR	1		R4108	ERJ6RBD822	M.RESISTOR CH 1/10W 8.2K	1	
Q4209	2SB710A-R	TRANSISTOR	1		R4109	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
Q4210-12	2SD602A-R	TRANSISTOR	3		R4110	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
Q4213	2SB710A-R	TRANSISTOR	1		R4111	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
Q4214	2SD602A-R	TRANSISTOR	1		R4112	ERJ6RBD822	M.RESISTOR CH 1/10W 8.2K	1	
Q4215	2SB710A-R	TRANSISTOR	1		R4113	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
Q4216-19	2SD602A-R	TRANSISTOR	4		R4114	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
QR4001, 02	UN2213	TRANSISTOR-RESISTOR	2		R4115	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
QR4201	UN2213	TRANSISTOR-RESISTOR	1		R4116	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R4001	ERJ6GEYF822	M.RESISTOR CH 1/10W 8.2K	1		R4117	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4002	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1		R4118	ERJ6RBD391	M.RESISTOR CH 1/10W 390	1	
R4003, 04	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	2		R4119	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4005	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	1		R4120, 21	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
R4006	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1		R4122-29	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	8	
R4007	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1		R4131, 32	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	2	
R4008	ERJ6GEYG821	M.RESISTOR CH 1/10W 820	1		R4134	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	
R4009, 10	ERJ6GEYG392	M.RESISTOR CH 1/10W 3.9K	2		R4135	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R4011	ERJ6GEYF822	M.RESISTOR CH 1/10W 8.2K	1		R4136	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R4012	ERJ6GEYG182	M.RESISTOR CH 1/10W 1.8K	1		R4137, 38	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R4013	ERJ6RBD433	M.RESISTOR CH 1/10W 43K	1		R4139, 40	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	2	
R4014, 15	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2		R4142	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R4016	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1		R4143	ERJ12YJ621	M.RESISTOR CH 1/2W 620	1	
R4017	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1		R4144	ERJ6RBD223	M.RESISTOR CH 1/10W 22K	1	
R4018	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	1		R4145	ERJ6RBD123	M.RESISTOR CH 1/10W 12K	1	
R4019	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1		R4146, 47	ERJ6RBD473	M.RESISTOR CH 1/10W 47K	2	
R4020	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1		R4148	ERJ6RBD123	M.RESISTOR CH 1/10W 12K	1	
R4021	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1		R4149	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R4022	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1		R4150	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R4023, 24	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	2		R4151	ERJ6RBD2101	M.RESISTOR CH 1/10W 2.1K	1	
R4025	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1		R4152	ERJ6GEYJ335	M.RESISTOR CH 1/10W 3.3M	1	
R4026	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1		R4153	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R4027	ERJ6GEYG122	M.RESISTOR CH 1/10W 1.2K	1		R4154	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R4028	ERJ6GEYF124	M.RESISTOR CH 1/10W 120K	1		R4155	ERJ6RBD2101	M.RESISTOR CH 1/10W 2.1K	1	
R4029	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1		R4156	ERJ6GEYJ335	M.RESISTOR CH 1/10W 3.3M	1	
R4030	ERJ6GEYF393	M.RESISTOR CH 1/10W 39K	1		R4157, 58	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	2	
R4031	ERJ6GEYF333	M.RESISTOR CH 1/10W 33K	1		R4159	ERJ6RED470	M.RESISTOR CH 1/10W 47	1	
					R4160, 61	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	2	
					R4162	ERJ6RED470	M.RESISTOR CH 1/10W 47	1	
					R4163	ERJ6RBD152	M.RESISTOR CH 1/10W 1.5K	1	
					R4164	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
					R4165	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	



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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4166	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4167, 68	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R4169	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R4201	ERJ6RBD301	M.RESISTOR CH 1/10W 300	1	
R4202	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4203	ERJ6RBD272	M.RESISTOR CH 1/10W 2.7K	1	
R4204	ERJ6RBD123	M.RESISTOR CH 1/10W 12K	1	
R4205	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R4206	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R4207	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R4208	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R4209	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4210	ERJ6RBD122	M.RESISTOR CH 1/10W 1.2K	1	
R4211	ERJ6RBD113	M.RESISTOR CH 1/10W 11K	1	
R4212	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4213	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	1	
R4214, 15	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	2	
R4216	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R4217	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4218, 19	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	2	
R4220	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	1	
R4221	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R4222	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4223, 24	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	2	
R4225	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4226, 27	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	2	
R4228-31	ERJ14YJ100	M.RESISTOR CH 1/4W 10	4	
R4232, 33	ERJ14YJ220	M.RESISTOR CH 1/4W 22	2	
R4234	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4235, 36	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R4237	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4238, 39	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	2	
R4240, 41	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R4242	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R4243	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4244	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	
R4245, 46	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	2	
R4247	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	
R4248	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R4249, 50	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	2	
R4251	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	
R4252	ERJ6GEYF333	M.RESISTOR CH 1/10W 33K	1	
R4253	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	
R4254	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R4255	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R4256	ERJ6GEYF123	M.RESISTOR CH 1/10W 12K	1	
R4257	ERJ6GEYG152	M.RESISTOR CH 1/10W 1.5K	1	
R4258	ERJ6GEYG220	M.RESISTOR CH 1/10W 22	1	
R4259	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R4260	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	
R4261	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	
R4262	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R4263	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	
R4264	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	
R4265, 66	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	2	
R4267, 68	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R4269	ERJ6GEYG180	M.RESISTOR CH 1/10W 18	1	
R4270, 71	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R4272	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R4273	ERJ6GEYK1R0	M.RESISTOR CH 1/10W 1	1	
R4274, 75	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R4276	ERJ6GEYG180	M.RESISTOR CH 1/10W 18	1	
R4277	ERJ6GEYK1R0	M.RESISTOR CH 1/10W 1	1	
R4278	ERJ6GEYF123	M.RESISTOR CH 1/10W 12K	1	
R4279, 80	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	2	
R4301, 02	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	2	
R4303-07	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	5	
R4351-54	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	4	
SW4001	VSS0367-04B	SWITCH	1	
SW4002	VSS0342	SWITCH	1	
SW4101	VSS0126	SWITCH	1	
T4201	VLTO866	TRANSFORMER	1	
T4202	VLTO866	TRANSFORMER	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
T4203, 04	VLT0867	TRANSFORMER	2	
TG4101	VJR0646	TEST POINT	1	
TG4201	VJR0646	TEST POINT	1	
TP4001-03	VJR0646	TEST POINT	3	
TP4101-03	VJR0646	TEST POINT	3	
TP4201-03	VJR0646	TEST POINT	3	
VR4001	VRV0064B103	V.RESISTOR 10K	1	
VR4002	VRV0064B503	V.RESISTOR 50K	1	
VR4003	VRV0064B502	V.RESISTOR 5K	1	
VR4004	VRV0064B103	V.RESISTOR 10K	1	
VR4005	VRV0064B203	V.RESISTOR 20K	1	
VR4202	VRV0064B104	V.RESISTOR 100K	1	
		MISCELLANEOUS		
	VML2143	CARD PULLER	1	
	VML2144	CARD PULLER	1	
■ VEP85167A		H1/2 DA P.C.BOARD	1 (RTL)	
C5001-05	ECEVICV470Q	E.CAPACITOR CH 16V 47U	5	
C5006-12	ECEVICV100Q	E.CAPACITOR CH 16V 10U	7	
C5013	ECEVICV470Q	E.CAPACITOR CH 16V 47U	1	
C5014	ECEVOJV101Q	E.CAPACITOR CH6.3V 100U	1	
C5015-19	ECEVICV100Q	E.CAPACITOR CH 16V 10U	5	
C5025-27	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C5030	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C5031	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C5032	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C5040	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C5041	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	1	
C5042	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C5050, 51	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	2	
C5052	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C5060-69	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	10	
C5103-36	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	34	
C5140-43	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	4	
C5160, 61	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	2	
C5180-85	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	6	
C5200, 01	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	2	
C5220-25	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	6	
C5302, 03	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	2	
C5352, 53	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	2	
C5380-86	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	7	
C5400-05	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	6	
C5406	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C5426	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	1	
C5450	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	1	
C5453-55	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	3	
C5456	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C5500, 01	ECEVIHV2R2Q	E.CAPACITOR CH 50V 2.2U	2	
C5502-09	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	8	
C5510	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C5511	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C5512	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	1	
C5513	ECUX1H681JF	C.CAPACITOR CH 50V 680P	1	
C5514, 15	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	2	
C5516	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C5517	ECUM1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
C5518, 19	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C5520	ECUM1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
C5521, 22	ECUX1E104ZVF	C.CAPACITOR CH 25V 0.1U	2	
C5524	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C5525	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C5527	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C5529	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C5530, 31	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	2	



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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C5532, 33	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2		L5503, 04	VLQ0163KR39	COIL	2	
C5534	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1		L5505, 06	VLQ0188KR47N	COIL	2	
C5535-39	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	5		L5700	VLQ0188K1R0N	COIL	1	
C5540, 41	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2		L5701, 02	VLQ0188J101	COIL 100UH	2	
C5542-46	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	5		L5703, 04	VLQ0163KR39	COIL	2	
C5547-49	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3		L5705, 06	VLQ0188KR47N	COIL	2	
C5550-60	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	11						
C5561	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1		P5001	VJP3454B096	CONNECTOR (MALE)	1	
C5562, 63	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2		P5002	VJP1230T	CONNECTOR (MALE) 3P	1	
C5564	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1		P5003	VJP1230R	CONNECTOR (MALE)	1	
C5700, 01	ECEV1HV2R20	E.CAPACITOR CH 50V 2.2U	2						
C5702-09	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	8		05001-03	2SA1022-C	TRANSISTOR	3	
C5710	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1		05004	2SB709A-R	TRANSISTOR	1	
C5711	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1		05005	2SD601A-R	TRANSISTOR	1	
C5712	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	1		05300	2SD601A-R	TRANSISTOR	1	
C5713	ECUX1H681JV	C.CAPACITOR CH 50V 680P	1		05400	2SD601A-R	TRANSISTOR	1	
C5714, 15	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2		05401	2SB709A-R	TRANSISTOR	1	
C5716	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1		05450	2SD601A-R	TRANSISTOR	1	
C5717	ECUM1C473KBV	C.CAPACITOR CH 16V 0.047U	1		05451	2SB709A-R	TRANSISTOR	1	
C5718, 19	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2		05480	2SD601A-R	TRANSISTOR	1	
C5720	ECUM1C473KBV	C.CAPACITOR CH 16V 0.047U	1		05500	XN6537	TRANSISTOR-RESISTOR	1	
C5721, 22	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2		05501, 02	2SC2295-C	TRANSISTOR	2	
C5724	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1		05503	XN5531	TRANSISTOR-RESISTOR	1	
C5725	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1		05504	2SC3130	TRANSISTOR	1	
C5727	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1		05505	XN5531	TRANSISTOR-RESISTOR	1	
C5729	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1		05506, 07	2SK508K512	TRANSISTOR	2	
C5730, 31	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	2		05508-10	2SC3130	TRANSISTOR	3	
C5732, 33	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	2		05511, 12	2SD1979	TRANSISTOR	2	
C5734	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1		05513	2SC3130	TRANSISTOR	1	
C5735-39	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	5		05514, 15	2SK508K512	TRANSISTOR	2	
C5740, 41	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2		05516-19	XN5531	TRANSISTOR-RESISTOR	4	
C5742-46	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	5		05520	2SC3130	TRANSISTOR	1	
C5747-49	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3		05700	XN6537	TRANSISTOR-RESISTOR	1	
C5750-60	ECUX1E104ZV	C.CAPACITOR CH 25V 0.1U	11		05701, 02	2SC2295-C	TRANSISTOR	2	
C5761	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1		05703	XN5531	TRANSISTOR-RESISTOR	1	
C5764	ECUX1H182KBV	C.CAPACITOR CH 50V 1800P	1		05704	2SC3130	TRANSISTOR	1	
					05705	XN5531	TRANSISTOR-RESISTOR	1	
D5001	MA153	DIODE	1		05706, 07	2SK508K512	TRANSISTOR	2	
D5300	MA132WK	DIODE	1		05708-10	2SC3130	TRANSISTOR	3	
D5400	MA132WK	DIODE	1		05711, 12	2SD1979	TRANSISTOR	2	
					05713	2SC3130	TRANSISTOR	1	
FL5001-05	VLF0931	FILTER	5		05714, 15	2SK508K512	TRANSISTOR	2	
					05716-19	XN5531	TRANSISTOR-RESISTOR	4	
IC5001	MC74HC86F	IC	1		05720	2SC3130	TRANSISTOR	1	
IC5002	TC4S69F	IC	1						
IC5003	MC74HC86F	IC	1		R5001-04	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	4	
IC5004	MC10H124M	IC	1		R5005, 06	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
IC5005	TC4S71F	IC	1		R5007-10	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	4	
IC5006	TC4S66F	IC	1		R5011	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
IC5007	TC4S71F	IC	1		R5012, 13	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	2	
IC5008	TC4S66F	IC	1		R5020	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
IC5009	TC4S71F	IC	1		R5021, 22	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
IC5010, 11	TC4S69F	IC	2		R5023, 24	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	2	
IC5012	AN7805	IC	1		R5025, 26	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
IC5013	AN7905F	IC	1		R5027, 28	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	2	
IC5100	MB88344PFV	IC	1		R5029	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
IC5101-06	MC14053BF	IC	6		R5030	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
IC5107-10	NJM082BM	IC	4		R5031	ERJ6GEYG392	M.RESISTOR CH 1/10W 3.9K	1	
IC5300	MC10H116M	IC	1		R5032, 33	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	2	
IC5301, 02	MC10H102L	IC	2		R5034	ERJ6RBD562	M.RESISTOR CH 1/10W 5.6K	1	
IC5303, 04	MC10131L	IC	2		R5035	ERJ6RBD392	M.RESISTOR CH 1/10W 3.9K	1	
IC5305	MC10H116M	IC	1		R5036	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
IC5400	NJM082BM	IC	1		R5037	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
IC5401	TC4S30F	IC	1		R5039	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
IC5402	TC4S69F	IC	1		R5041	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
IC5451	TC4S30F	IC	1		R5050	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
IC5452	TC4S69F	IC	1		R5051, 52	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
IC5500	UPC1663G	IC	1		R5053, 54	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	2	
IC5501	NJM1496M	IC	1		R5055, 56	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
IC5502	NJM082BM	IC	1		R5057, 58	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	2	
IC5700	UPC1663G	IC	1		R5059	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
IC5701	NJM1496M	IC	1		R5060	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
					R5061	ERJ6GEYG392	M.RESISTOR CH 1/10W 3.9K	1	
L5500	VLQ0188K1R0N	COIL	1		R5062, 63	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	2	
L5501, 02	VLQ0188J101	COIL 100UH	2		R5064	ERJ6RBD562	M.RESISTOR CH 1/10W 5.6K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R5065	ERJ6RBD392	M. RESISTOR CH 1/10W 3.9K	1	
R5066	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1	
R5068	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R5069	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5071	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1	
R5081	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1	
R5082, 83	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
R5084	ERJ6GEYG392	M. RESISTOR CH 1/10W 3.9K	1	
R5085, 86	ERJ6RBD103	M. RESISTOR CH 1/10W 10K	2	
R5087	ERJ6RBD562	M. RESISTOR CH 1/10W 5.6K	1	
R5088	ERJ6RBD392	M. RESISTOR CH 1/10W 3.9K	1	
R5089, 90	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	2	
R5091	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5092	ERJ6GEYG683	M. RESISTOR CH 1/10W 68K	1	
R5093	ERJ6GEYG104	M. RESISTOR CH 1/10W 100K	1	
R5094, 95	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
R5097	ERJ6GEYOR00	M. RESISTOR CH 1/8W 0	1	
R5100-02	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	3	
R5103-35	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	33	
R5140-43	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	4	
R5144	ERJ6RBD472	M. RESISTOR CH 1/10W 4.7K	1	
R5145	ERJ6RBD122	M. RESISTOR CH 1/10W 1.2K	1	
R5146, 47	ERJ6RBD153	M. RESISTOR CH 1/10W 15K	2	
R5148	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1	
R5149	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5150	ERJ6RBD472	M. RESISTOR CH 1/10W 4.7K	1	
R5151	ERJ6RBD122	M. RESISTOR CH 1/10W 1.2K	1	
R5152, 53	ERJ6RBD153	M. RESISTOR CH 1/10W 15K	2	
R5154	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1	
R5155	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5160-63	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	4	
R5164, 65	ERJ6RBD103	M. RESISTOR CH 1/10W 10K	2	
R5166, 67	ERJ6RBD223	M. RESISTOR CH 1/10W 22K	2	
R5168	ERJ6RBD103	M. RESISTOR CH 1/10W 10K	1	
R5169	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1	
R5170	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5171, 72	ERJ6RBD103	M. RESISTOR CH 1/10W 10K	2	
R5173, 74	ERJ6RBD223	M. RESISTOR CH 1/10W 22K	2	
R5175	ERJ6RBD103	M. RESISTOR CH 1/10W 10K	1	
R5176	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1	
R5177	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5180-83	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	4	
R5184	ERJ6RBD472	M. RESISTOR CH 1/10W 4.7K	1	
R5185	ERJ6RBD272	M. RESISTOR CH 1/10W 2.7K	1	
R5186	ERJ6RBD103	M. RESISTOR CH 1/10W 10K	1	
R5187	ERJ6RBD273	M. RESISTOR CH 1/10W 27K	1	
R5188	ERJ6RBD103	M. RESISTOR CH 1/10W 10K	1	
R5189	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1	
R5190	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5191	ERJ6RBD472	M. RESISTOR CH 1/10W 4.7K	1	
R5192	ERJ6RBD272	M. RESISTOR CH 1/10W 2.7K	1	
R5193	ERJ6RBD103	M. RESISTOR CH 1/10W 10K	1	
R5194	ERJ6RBD273	M. RESISTOR CH 1/10W 27K	1	
R5195	ERJ6RBD103	M. RESISTOR CH 1/10W 10K	1	
R5196	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1	
R5197	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5200-03	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	4	
R5204	ERJ6RBD562	M. RESISTOR CH 1/10W 5.6K	1	
R5205	ERJ6RBD333	M. RESISTOR CH 1/10W 33K	1	
R5206	ERJ6RBD223	M. RESISTOR CH 1/10W 22K	1	
R5207	ERJ6RBD103	M. RESISTOR CH 1/10W 10K	1	
R5208	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1	
R5209	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5210	ERJ6RBD562	M. RESISTOR CH 1/10W 5.6K	1	
R5211	ERJ6RBD333	M. RESISTOR CH 1/10W 33K	1	
R5212	ERJ6RBD223	M. RESISTOR CH 1/10W 22K	1	
R5213	ERJ6RBD103	M. RESISTOR CH 1/10W 10K	1	
R5214	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1	
R5215	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5221	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R5222-24	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	3	
R5300, 01	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	2	
R5302	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1	
R5303-10	ERJ6GEYJ471	M. RESISTOR CH 1/10W 470	8	
R5311, 12	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R5314, 15	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	2	
R5316, 17	ERJ6GEYG121	M. RESISTOR CH 1/10W 120	2	
R5318, 19	ERJ6GEYJ820	M. RESISTOR CH 1/10W 82	2	
R5320-22	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	3	
R5350, 51	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	2	
R5352	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1	
R5353-55	ERJ6GEYJ471	M. RESISTOR CH 1/10W 470	3	
R5357-60	ERJ6GEYJ471	M. RESISTOR CH 1/10W 470	4	
R5361, 62	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	2	
R5364, 65	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	2	
R5366, 67	ERJ6GEYG121	M. RESISTOR CH 1/10W 120	2	
R5368, 69	ERJ6GEYJ820	M. RESISTOR CH 1/10W 82	2	
R5370-72	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	3	
R5380, 81	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	2	
R5382, 83	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	2	
R5384, 85	ERJ6GEYJ471	M. RESISTOR CH 1/10W 470	2	
R5386	ERJ6GEYG220	M. RESISTOR CH 1/10W 22	1	
R5387, 88	ERJ6GEYG153	M. RESISTOR CH 1/10W 15K	2	
R5389	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1	
R5400	ERJ6RBD123	M. RESISTOR CH 1/10W 12K	1	
R5402	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1	
R5403, 04	ERJ6RBD103	M. RESISTOR CH 1/10W 10K	2	
R5405	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R5406	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5407	ERJ6GEYG563	M. RESISTOR CH 1/10W 56K	1	
R5408	ERJ6GEYG154	M. RESISTOR CH 1/10W 150K	1	
R5409	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5410	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1	
R5411	ERJ6GEYG392	M. RESISTOR CH 1/10W 3.9K	1	
R5412	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5414	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R5415	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5450	ERJ6RBD123	M. RESISTOR CH 1/10W 12K	1	
R5452	ERJ6GEYG101	M. RESISTOR CH 1/10W 100	1	
R5453, 54	ERJ6RBD103	M. RESISTOR CH 1/10W 10K	2	
R5455	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R5456	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5457	ERJ6GEYG563	M. RESISTOR CH 1/10W 56K	1	
R5458	ERJ6GEYG154	M. RESISTOR CH 1/10W 150K	1	
R5459	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5460	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1	
R5461	ERJ6GEYG392	M. RESISTOR CH 1/10W 3.9K	1	
R5462	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5464	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R5465	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R5480	ERJ6GEYG153	M. RESISTOR CH 1/10W 15K	1	
R5500, 01	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	2	
R5502, 03	ERJ6RED470	M. RESISTOR CH 1/10W 47	2	
R5504	ERJ6RED560	M. RESISTOR CH 1/10W 56	1	
R5505, 06	ERJ6RBD271	M. RESISTOR CH 1/10W 270	2	
R5507	ERJ6RBD101	M. RESISTOR CH 1/10W 100	1	
R5508	ERJ6RBD181	M. RESISTOR CH 1/10W 180	1	
R5509, 10	ERJ6GEYG330	M. RESISTOR CH 1/10W 33	2	
R5511, 12	ERJ6RBD222	M. RESISTOR CH 1/10W 2.2K	2	
R5513, 14	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	2	
R5515, 16	ERJ6GEYG330	M. RESISTOR CH 1/10W 33	2	
R5517, 18	ERJ6GEYG332	M. RESISTOR CH 1/10W 3.3K	2	
R5519, 20	ERJ6GEYG330	M. RESISTOR CH 1/10W 33	2	
R5521	ERJ6GEYG272	M. RESISTOR CH 1/10W 2.7K	1	
R5522	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R5523-25	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	3	
R5526, 27	ERJ6GEYG330	M. RESISTOR CH 1/10W 33	2	
R5528, 29	ERJ6GEYG152	M. RESISTOR CH 1/10W 1.5K	2	
R5530	ERJ6RBD181	M. RESISTOR CH 1/10W 180	1	
R5531	ERJ6RBD333	M. RESISTOR CH 1/10W 33K	1	
R5532	ERJ6RBD681	M. RESISTOR CH 1/10W 680	1	
R5533	ERJ6RBD181	M. RESISTOR CH 1/10W 180	1	
R5534	ERJ6RBD333	M. RESISTOR CH 1/10W 33K	1	
R5535	ERJ6GEYG221	M. RESISTOR CH 1/10W 220	1	
R5536	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1	
R5537	ERJ6GEYG330	M. RESISTOR CH 1/10W 33	1	
R5538	ERJ6GEYG272	M. RESISTOR CH 1/10W 2.7K	1	
R5539	ERJ6RED820	M. RESISTOR CH 1/10W 82	1	
R5540	ERJ6RBD221	M. RESISTOR CH 1/10W 220	1	
R5541	ERJ6GEYG470	M. RESISTOR CH 1/10W 47	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R5542	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	1	
R5543	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R5544, 45	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R5546	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	1	
R5547	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R5548	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5553, 54	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R5555	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5556, 57	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	2	
R5558	ERJ6GEYG182	M.RESISTOR CH 1/10W 1.8K	1	
R5559, 60	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R5561, 62	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	2	
R5563, 64	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R5565, 66	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R5567	ERJ6GEYG152	M.RESISTOR CH 1/10W 1.5K	1	
R5568	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R5569	ERJ6GEYG152	M.RESISTOR CH 1/10W 1.5K	1	
R5570	ERJ6RED820	M.RESISTOR CH 1/10W 82	1	
R5571	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R5572, 73	ERJ6GEYG152	M.RESISTOR CH 1/10W 1.5K	2	
R5574, 75	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	2	
R5576, 77	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	2	
R5578-81	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	4	
R5582, 83	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	2	
R5584, 85	ERJ6RBD391	M.RESISTOR CH 1/10W 390	2	
R5586, 87	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	2	
R5588, 89	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	2	
R5590, 91	ERJ6RED470	M.RESISTOR CH 1/10W 47	2	
R5592, 93	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	2	
R5594, 95	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	2	
R5596	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5597	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	1	
R5598	ERJ6GEYG182	M.RESISTOR CH 1/10W 1.8K	1	
R5599	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	
R5600	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5601-04	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	4	
R5605	ERJ6RBD821	M.RESISTOR CH 1/10W 820	1	
R5606	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R5607-10	ERJ6GEYG560	M.RESISTOR CH 1/10W 56	4	
R5611	ERJ6RBD822	M.RESISTOR CH 1/10W 8.2K	1	
R5612	ERJ6RBD391	M.RESISTOR CH 1/10W 390	1	
R5613	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R5614, 15	ERJ6RBD392	M.RESISTOR CH 1/10W 3.9K	2	
R5616	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R5617	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R5618	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5619, 20	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	2	
R5700, 01	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	2	
R5702, 03	ERJ6RED470	M.RESISTOR CH 1/10W 47	2	
R5704	ERJ6RED560	M.RESISTOR CH 1/10W 56	1	
R5705, 06	ERJ6RBD271	M.RESISTOR CH 1/10W 270	2	
R5707	ERJ6RBD101	M.RESISTOR CH 1/10W 100	1	
R5708	ERJ6RBD181	M.RESISTOR CH 1/10W 180	1	
R5709, 10	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	2	
R5711, 12	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	2	
R5713, 14	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R5715, 16	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	2	
R5717, 18	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	2	
R5719, 20	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	2	
R5721	ERJ6GEYG272	M.RESISTOR CH 1/10W 2.7K	1	
R5722	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	
R5723-25	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	3	
R5726, 27	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	2	
R5728, 29	ERJ6GEYG152	M.RESISTOR CH 1/10W 1.5K	2	
R5730	ERJ6RBD181	M.RESISTOR CH 1/10W 180	1	
R5731	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R5732	ERJ6RBD681	M.RESISTOR CH 1/10W 680	1	
R5733	ERJ6RBD181	M.RESISTOR CH 1/10W 180	1	
R5734	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R5735	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	1	
R5736	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5737	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	1	
R5738	ERJ6GEYG272	M.RESISTOR CH 1/10W 2.7K	1	
R5739	ERJ6RED820	M.RESISTOR CH 1/10W 82	1	
R5740	ERJ6RBD221	M.RESISTOR CH 1/10W 220	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R5741	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5742	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	1	
R5743	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R5744, 45	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R5746	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	1	
R5747	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R5748	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5753, 54	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R5755	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5756, 57	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	2	
R5758	ERJ6GEYG182	M.RESISTOR CH 1/10W 1.8K	1	
R5759, 60	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R5761, 62	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	2	
R5763, 64	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R5765, 66	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R5767	ERJ6GEYG152	M.RESISTOR CH 1/10W 1.5K	1	
R5768	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R5769	ERJ6GEYG152	M.RESISTOR CH 1/10W 1.5K	1	
R5770	ERJ6RED820	M.RESISTOR CH 1/10W 82	1	
R5771	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R5772, 73	ERJ6GEYG152	M.RESISTOR CH 1/10W 1.5K	2	
R5774, 75	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	2	
R5776, 77	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	2	
R5778-81	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	4	
R5782, 83	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	2	
R5784, 85	ERJ6RBD391	M.RESISTOR CH 1/10W 390	2	
R5786, 87	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	2	
R5788, 89	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	2	
R5790, 91	ERJ6RED470	M.RESISTOR CH 1/10W 47	2	
R5792, 93	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	2	
R5794, 95	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	2	
R5796	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5797	ERJ6GEYG330	M.RESISTOR CH 1/10W 33	1	
R5798	ERJ6GEYG182	M.RESISTOR CH 1/10W 1.8K	1	
R5799	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	
R5800	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5801-04	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	4	
R5805	ERJ6RBD821	M.RESISTOR CH 1/10W 820	1	
R5806	ERJ6RBD102	M.RESISTOR CH 1/10W 1K	1	
R5807-10	ERJ6GEYG560	M.RESISTOR CH 1/10W 56	4	
R5811	ERJ6RBD822	M.RESISTOR CH 1/10W 8.2K	1	
R5812	ERJ6RBD391	M.RESISTOR CH 1/10W 390	1	
R5813	ERJ6RBD332	M.RESISTOR CH 1/10W 3.3K	1	
R5814, 15	ERJ6RBD392	M.RESISTOR CH 1/10W 3.9K	2	
R5816	ERJ6RBD153	M.RESISTOR CH 1/10W 15K	1	
R5817	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R5818	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R5819, 20	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	2	
RY5300	VSY2069	RELAY	1	
RY5400	VSY2069	RELAY	1	
SS1	VJS1990	CONNECTOR (FEMALE)	1	
SW5001	VJP2536A003	CONNECTOR (MALE)	1	
T65001-03	VJR0646	TEST POINT	3	
T65005-08	VJR0646	TEST POINT	4	
TP5001, 02	VJR0646	TEST POINT	2	
TP5015-20	VJR0646	TEST POINT	6	
TP5021-28	EYF6CU	TEST POINT	8	
TP5030-34	EYF6CU	TEST POINT	5	
VC5500, 01	ECV1ZW20X53T	TRIMMER	2	
VC5700, 01	ECV1ZW20X53T	TRIMMER	2	
VR5013, 14	VRV0064B103	V.RESISTOR 10K	2	
		MISCELLANEOUS		
	VML2143	CARD PULLER	1	
	VML2144	CARD PULLER	1	
	XYN3+F12S	SCREW	1	
	XNG3B	NUT	2	

AJ-DE77E  
VEP85167A / VEP84298A

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	XYN3-F10S	SCREW	1	
	VSC3626	HEAT SINK	2	
	VEP84298A	H6 A DA P.C. BOARD	1 (RTL)	
C4004	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4005	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C4006	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4007-09	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	3	
C4012-14	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	3	
C4021	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C4046, 47	ECEV1CV4700	E. CAPACITOR CH 16V 47U	2	
C4048-51	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	4	
C4121	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4122	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C4123, 24	ECEV1CV4700	E. CAPACITOR CH 16V 47U	2	
C4125	ECEVOJV1010	E. CAPACITOR CH6.3V 100U	1	
C4126, 27	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	2	
C4128	ECEV1CV1000	E. CAPACITOR CH 16V 10U	1	
C4129-31	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	3	
C4132	ECEVOJV1010	E. CAPACITOR CH6.3V 100U	1	
C4133	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4134	ECEV1CV1000	E. CAPACITOR CH 16V 10U	1	
C4135, 36	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	2	
C4137, 38	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C4139	ECEV1CN1000	E. CAPACITOR CH 16V 10U	1	
C4140	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C4141	ECEV1CN1000	E. CAPACITOR CH 16V 10U	1	
C4142	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C4143, 44	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C4161	ECU1C472G	P. CAPACITOR 16V 4700P	1	
C4162	ECEV1CN1000	E. CAPACITOR CH 16V 10U	1	
C4163-66	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	4	
C4167, 68	ECEV1CV4700	E. CAPACITOR CH 16V 47U	2	
C4169, 70	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C4172	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C4173, 74	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C4175	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C4176-79	ECEV1CV1000	E. CAPACITOR CH 16V 10U	4	
C4180, 81	ECEA1CGE221	E. CAPACITOR 16V 220U	2	
C4182	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4183	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4184, 85	ECEV1CV4700	E. CAPACITOR CH 16V 47U	2	
C4186, 87	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C4188, 89	ECEV1CV4700	E. CAPACITOR CH 16V 47U	2	
C4190	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4191	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4221	ECU1C472G	P. CAPACITOR 16V 4700P	1	
C4222	ECEV1CN1000	E. CAPACITOR CH 16V 10U	1	
C4223, 24	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C4226	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C4227, 28	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C4229	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C4230-33	ECEV1CV1000	E. CAPACITOR CH 16V 10U	4	
C4234, 35	ECEA1CGE221	E. CAPACITOR 16V 220U	2	
C4236	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4237	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4238, 39	ECEV1CV4700	E. CAPACITOR CH 16V 47U	2	
C4240, 41	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C4242	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4244	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4281	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4282-84	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	3	
C4285	ECEVOJV1010	E. CAPACITOR CH6.3V 100U	1	
C4286-90	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	5	
C4292-97	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	6	
C4298-00	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	3	
C4301, 02	ECEV1CN1000	E. CAPACITOR CH 16V 10U	2	
C4303, 04	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C4305, 06	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4307	ECEVOJV1010	E. CAPACITOR CH6.3V 100U	1	
C4308, 09	ECEV1CV1000	E. CAPACITOR CH 16V 10U	2	
C4310, 11	ECU1C472G	P. CAPACITOR 16V 4700P	2	
C4312-15	ECEV1CV4700	E. CAPACITOR CH 16V 47U	4	
C4316, 17	ECEV1CN1000	E. CAPACITOR CH 16V 10U	2	
C4318, 19	ECEV1CV4700	E. CAPACITOR CH 16V 47U	2	
C4321	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C4341	ECEV1CV2200	E. CAPACITOR CH 16V 22U	1	
C4342	ECUM1H820JCN	C. CAPACITOR CH 50V 82P	1	
C4343-45	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	3	
C4346	ECEV1CN1000	E. CAPACITOR CH 16V 10U	1	
C4347	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4348	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C4349, 50	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C4352	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4353	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C4354	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4355	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C4356-59	ECEV1CV1000	E. CAPACITOR CH 16V 10U	4	
C4360, 61	ECEA1CGE221	E. CAPACITOR 16V 220U	2	
C4362	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4363	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4364, 65	ECEV1CV4700	E. CAPACITOR CH 16V 47U	2	
C4366, 67	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C4368	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4370	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4372	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4412	ECUM1H820JCN	C. CAPACITOR CH 50V 82P	1	
C4413	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C4415	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C4416	ECEV1CN1000	E. CAPACITOR CH 16V 10U	1	
C4418	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C4419, 20	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C4422	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4423	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C4424	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4425	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1	
C4426-29	ECEV1CV1000	E. CAPACITOR CH 16V 10U	4	
C4430, 31	ECEA1CGE221	E. CAPACITOR 16V 220U	2	
C4432	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4433	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4434, 35	ECEV1CV4700	E. CAPACITOR CH 16V 47U	2	
C4436, 37	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C4438	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4440	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4481, 82	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	2	
C4483, 84	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	2	
C4485, 86	ECEVOJV1010	E. CAPACITOR CH6.3V 100U	2	
C4487, 88	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	2	
C4501-03	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	3	
C4504	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
C4505	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4506	ECEV1CV4700	E. CAPACITOR CH 16V 47U	1	
C4507	ECUM1E104ZFN	C. CAPACITOR CH 25V 0.1U	1	
D4161, 62	MA157	DIODE	2	
D4221, 22	MA157	DIODE	2	
D4341	MA157	DIODE	1	
D4342, 43	MA152WK	DIODE	2	
D4344, 45	MA157	DIODE	2	
D4414, 15	MA157	DIODE	2	
FL4501	VLF0941C223	FILTER	1	
IC4002	UPD71055GB	IC	1	
IC4003	NJM79L09UA	IC	1	
IC4004	NJM78L09UA	IC	1	
IC4006	UPD71055GB	IC	1	
IC4010	TC7W74F	IC	1	
IC4011	MC74HC157AF	IC	1	
IC4012	TC7S00F	IC	1	
IC4043	NJM78L09UA	IC	1	
IC4044	NJM79L09UA	IC	1	
IC4121	NJM78L05UA	IC	1	
IC4122	AK4320VM	IC	1	



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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC4123, 24	NJM4580ED	IC	2		QR4221	UN2213	TRANSISTOR-RESISTOR	1	
IC4125	MC74HC541AF	IC	1		QR4222	UN2113	TRANSISTOR-RESISTOR	1	
IC4161	NJM4580ED	IC	1		QR4281-83	UN2213	TRANSISTOR-RESISTOR	3	
IC4162	NJM79L05UA	IC	1		QR4284, 85	UN2113	TRANSISTOR-RESISTOR	2	
IC4163	NJM78L05UA	IC	1		QR4341, 42	UN2213	TRANSISTOR-RESISTOR	2	
IC4164	NJM4580ED	IC	1						
IC4165	NJM2043MD	IC	1		R4001-03	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	3	
IC4166	MC14052BF	IC	1		R4004-11	ERJ6GEYG104	M. RESISTOR CH 1/10W 100K	8	
IC4167, 68	AQV212SX	IC	2		R4020	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
IC4221, 22	NJM4580ED	IC	2		R4021, 22	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	2	
IC4223	NJM2043MD	IC	1		R4023, 24	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
IC4224	MC14052BF	IC	1		R4030-34	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	5	
IC4225, 26	AQV212SX	IC	2		R4121, 22	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	2	
IC4281	NJM78L05UA	IC	1		R4123, 24	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	2	
IC4282	AK4320VM	IC	1		R4125	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
IC4283, 84	NJM4580ED	IC	2		R4126-28	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	3	
IC4287	NJM78L09UA	IC	1		R4130	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
IC4288, 89	NJM79L09UA	IC	2		R4132	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
IC4290	NJM78L09UA	IC	1		R4133	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
IC4341, 42	NJM4580ED	IC	2		R4134	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
IC4343	NJM2043MD	IC	1		R4135	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
IC4344	AD7945BR	IC	1		R4136	ERJ6GEYG273	M. RESISTOR CH 1/10W 27K	1	
IC4345	MC14053BF	IC	1		R4137	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
IC4346	MC14052BF	IC	1		R4138, 39	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	2	
IC4347, 48	AQV212SX	IC	2		R4140	ERJ6GEYG273	M. RESISTOR CH 1/10W 27K	1	
IC4411, 12	NJM4580ED	IC	2		R4146	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
IC4413	NJM2043MD	IC	1		R4161	ERJ6GEYG104	M. RESISTOR CH 1/10W 100K	1	
IC4414	AD7945BR	IC	1		R4162	ERJ6GEYG683	M. RESISTOR CH 1/10W 68K	1	
IC4415	MC14053BF	IC	1		R4163	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
IC4416	MC14052BF	IC	1		R4164	ERJ6RBD223	M. RESISTOR CH 1/10W 22K	1	
IC4417, 18	AQV212SX	IC	2		R4165	ERJ6GEYG105	M. RESISTOR CH 1/10W 1M	1	
IC4481	NJM4556MB	IC	1		R4166	ERJ6RBD102	M. RESISTOR CH 1/10W 1K	1	
IC4501, 02	SN74S1051NS	IC	2		R4167	ERJ6RBD222	M. RESISTOR CH 1/10W 2.2K	1	
IC4504	74AC139SJ	IC	1		R4168	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
IC4505	74ALS245ASJ	IC	1		R4169	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1	
IC4506	74ALS541SJ	IC	1		R4170	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
					R4171	ERJ6RBD272	M. RESISTOR CH 1/10W 2.7K	1	
L4121	VL00163J100	COIL	10UH	1	R4172	ERJ6RBD301	M. RESISTOR CH 1/10W 300	1	
L4281	VL00163J100	COIL	10UH	1	R4173	ERJ6RBD123	M. RESISTOR CH 1/10W 12K	1	
P4001	VJP3454B096	CONNECTOR (MALE)		1	R4174	ERJ6RBD472	M. RESISTOR CH 1/10W 4.7K	1	
					R4175	ERJ6RBD102	M. RESISTOR CH 1/10W 1K	1	
Q4161	2SD1328	TRANSISTOR		1	R4176	ERJ6RBD103	M. RESISTOR CH 1/10W 10K	1	
Q4162	2SB1322A-R	TRANSISTOR		1	R4177	ERJ6GEYG563	M. RESISTOR CH 1/10W 56K	1	
Q4163	2SD1994A-R	TRANSISTOR		1	R4178	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
Q4164	2SB1322A-R	TRANSISTOR		1	R4179	ERJ6RBD682	M. RESISTOR CH 1/10W 6.8K	1	
Q4165	2SD1994A-R	TRANSISTOR		1	R4181-84	ERJ6RBD472	M. RESISTOR CH 1/10W 4.7K	4	
Q4166	2SB710A-R	TRANSISTOR		1	R4185, 86	ERJ6GEYG105	M. RESISTOR CH 1/10W 1M	2	
Q4167	2SD602A-R	TRANSISTOR		1	R4187-89	ERJ6RBD153	M. RESISTOR CH 1/10W 15K	3	
Q4221	2SD1328	TRANSISTOR		1	R4190	ERJ6RED150	M. RESISTOR CH 1/10W 15	1	
Q4222	2SB1322A-R	TRANSISTOR		1	R4191	ERJ6RBD153	M. RESISTOR CH 1/10W 15K	1	
Q4223	2SD1994A-R	TRANSISTOR		1	R4192, 93	ERJ6GEYJ100	M. RESISTOR CH 1/10W 10	2	
Q4224	2SB1322A-R	TRANSISTOR		1	R4194-97	ERJ6GEYG562	M. RESISTOR CH 1/10W 5.6K	4	
Q4225	2SD1994A-R	TRANSISTOR		1	R4198-01	ERJ14YJ100	M. RESISTOR CH 1/4W 10	4	
Q4226	2SB710A-R	TRANSISTOR		1	R4202, 03	ERJ14YJ220	M. RESISTOR CH 1/4W 22	2	
Q4227	2SD602A-R	TRANSISTOR		1	R4204, 05	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
Q4281, 82	2SD1328	TRANSISTOR		2	R4206	ERJ6GEYF102	M. RESISTOR CH 1/10W 1K	1	
Q4341-44	2SB710A-R	TRANSISTOR		4	R4207, 08	ERJ6GEYF561	M. RESISTOR CH 1/10W 560	2	
Q4345	2SB1322A-R	TRANSISTOR		1	R4209	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1	
Q4346	2SD1994A-R	TRANSISTOR		1	R4210, 11	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
Q4347	2SB1322A-R	TRANSISTOR		1	R4212	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
Q4348	2SD1994A-R	TRANSISTOR		1	R4213	ERJ6RBD123	M. RESISTOR CH 1/10W 12K	1	
Q4349	2SB710A-R	TRANSISTOR		1	R4214	ERJ6RED150	M. RESISTOR CH 1/10W 15	1	
Q4350	2SD602A-R	TRANSISTOR		1	R4221	ERJ6GEYG104	M. RESISTOR CH 1/10W 100K	1	
Q4415	2SB1322A-R	TRANSISTOR		1	R4222	ERJ6GEYG683	M. RESISTOR CH 1/10W 68K	1	
Q4416	2SD1994A-R	TRANSISTOR		1	R4223	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
Q4417	2SB1322A-R	TRANSISTOR		1	R4224	ERJ6RBD223	M. RESISTOR CH 1/10W 22K	1	
Q4418	2SD1994A-R	TRANSISTOR		1	R4225	ERJ6GEYG105	M. RESISTOR CH 1/10W 1M	1	
Q4419	2SB710A-R	TRANSISTOR		1	R4226	ERJ6RBD102	M. RESISTOR CH 1/10W 1K	1	
Q4420	2SD602A-R	TRANSISTOR		1	R4227	ERJ6RBD222	M. RESISTOR CH 1/10W 2.2K	1	
Q4483-86	2SD1328	TRANSISTOR		4	R4228	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
					R4229	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1	
QR4121	UN2213	TRANSISTOR-RESISTOR		1	R4230	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
QR4161	UN2213	TRANSISTOR-RESISTOR		1	R4231	ERJ6RBD272	M. RESISTOR CH 1/10W 2.7K	1	
QR4162	UN2113	TRANSISTOR-RESISTOR		1	R4232	ERJ6RBD301	M. RESISTOR CH 1/10W 300	1	
					R4233	ERJ6RBD123	M. RESISTOR CH 1/10W 12K	1	



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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4234	ERJ6RBD472	M. RESISTOR CH 1/10W 4.7K	1	
R4235	ERJ6RBD102	M. RESISTOR CH 1/10W 1K	1	
R4236	ERJ6RBD103	M. RESISTOR CH 1/10W 10K	1	
R4237	ERJ6GEYG563	M. RESISTOR CH 1/10W 56K	1	
R4238	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R4239	ERJ6RBD682	M. RESISTOR CH 1/10W 6.8K	1	
R4241-44	ERJ6RBD472	M. RESISTOR CH 1/10W 4.7K	4	
R4245, 46	ERJ6GEYG105	M. RESISTOR CH 1/10W 1M	2	
R4247-49	ERJ6RBD153	M. RESISTOR CH 1/10W 15K	3	
R4250	ERJ6RED150	M. RESISTOR CH 1/10W 15	1	
R4251	ERJ6RBD153	M. RESISTOR CH 1/10W 15K	1	
R4252, 53	ERJ6GEYJ100	M. RESISTOR CH 1/10W 10	2	
R4254-57	ERJ6GEYG562	M. RESISTOR CH 1/10W 5.6K	4	
R4258-61	ERJ14YJ100	M. RESISTOR CH 1/4W 10	4	
R4262, 63	ERJ14YJ220	M. RESISTOR CH 1/4W 22	2	
R4264, 65	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
R4266	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1	
R4267, 68	ERJ6GEYF561	M. RESISTOR CH 1/10W 560	2	
R4269	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1	
R4270, 71	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
R4272	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R4273	ERJ6RBD123	M. RESISTOR CH 1/10W 12K	1	
R4274	ERJ6RED150	M. RESISTOR CH 1/10W 15	1	
R4281	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R4282, 83	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
R4284	ERJ6GEYG273	M. RESISTOR CH 1/10W 27K	1	
R4286	ERJ6GEYG273	M. RESISTOR CH 1/10W 27K	1	
R4288	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R4290	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R4292, 93	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	2	
R4294-00	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	7	
R4317, 18	ERJ6GEYG104	M. RESISTOR CH 1/10W 100K	2	
R4319, 20	ERJ6GEYG683	M. RESISTOR CH 1/10W 68K	2	
R4321, 22	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
R4323, 24	ERJ6RBD223	M. RESISTOR CH 1/10W 22K	2	
R4325	ERJ6GEYG105	M. RESISTOR CH 1/10W 1M	1	
R4326	ERJ6RBD102	M. RESISTOR CH 1/10W 1K	1	
R4327	ERJ6RBD222	M. RESISTOR CH 1/10W 2.2K	1	
R4328	ERJ6GEYG105	M. RESISTOR CH 1/10W 1M	1	
R4329	ERJ6RBD102	M. RESISTOR CH 1/10W 1K	1	
R4330	ERJ6RBD222	M. RESISTOR CH 1/10W 2.2K	1	
R4331, 32	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	2	
R4333, 34	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	2	
R4335, 36	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
R4337, 38	ERJ6RBD123	M. RESISTOR CH 1/10W 12K	2	
R4341	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R4342	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R4343	ERJ6GEYG104	M. RESISTOR CH 1/10W 100K	1	
R4344	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R4347-49	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	3	
R4351	ERJ6GEYG104	M. RESISTOR CH 1/10W 100K	1	
R4352	ERJ6GEYG105	M. RESISTOR CH 1/10W 1M	1	
R4354	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	1	
R4355	ERJ6GEYG222	M. RESISTOR CH 1/10W 2.2K	1	
R4356, 57	ERJ6GEYF473	M. RESISTOR CH 1/10W 47K	2	
R4358	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R4359	ERJ6GEYG104	M. RESISTOR CH 1/10W 100K	1	
R4361	ERJ6RBD272	M. RESISTOR CH 1/10W 2.7K	1	
R4362	ERJ6RBD301	M. RESISTOR CH 1/10W 300	1	
R4363	ERJ6RBD123	M. RESISTOR CH 1/10W 12K	1	
R4364	ERJ6RBD472	M. RESISTOR CH 1/10W 4.7K	1	
R4365	ERJ6RBD102	M. RESISTOR CH 1/10W 1K	1	
R4366	ERJ6RBD103	M. RESISTOR CH 1/10W 10K	1	
R4367	ERJ6GEYG563	M. RESISTOR CH 1/10W 56K	1	
R4368	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R4369	ERJ6RBD682	M. RESISTOR CH 1/10W 6.8K	1	
R4371-74	ERJ6RBD472	M. RESISTOR CH 1/10W 4.7K	4	
R4375, 76	ERJ6GEYG105	M. RESISTOR CH 1/10W 1M	2	
R4377-80	ERJ6RBD153	M. RESISTOR CH 1/10W 15K	4	
R4381	ERJ6RED150	M. RESISTOR CH 1/10W 15	1	
R4382, 83	ERJ6GEYJ100	M. RESISTOR CH 1/10W 10	2	
R4384-87	ERJ6GEYG562	M. RESISTOR CH 1/10W 5.6K	4	
R4388-91	ERJ14YJ100	M. RESISTOR CH 1/4W 10	4	
R4392, 93	ERJ14YJ220	M. RESISTOR CH 1/4W 22	2	
R4394, 95	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4396	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1	
R4397, 98	ERJ6GEYF561	M. RESISTOR CH 1/10W 560	2	
R4399	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1	
R4400, 01	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
R4402	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R4404	ERJ6GEYF333	M. RESISTOR CH 1/10W 33K	1	
R4405	ERJ6RBD102	M. RESISTOR CH 1/10W 1K	1	
R4406	ERJ6GEYG392	M. RESISTOR CH 1/10W 3.9K	1	
R4407	ERJ6RED220	M. RESISTOR CH 1/10W 22	1	
R4408	ERJ6RED150	M. RESISTOR CH 1/10W 15	1	
R4409	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R4417-19	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	3	
R4428	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	1	
R4431	ERJ6RBD272	M. RESISTOR CH 1/10W 2.7K	1	
R4432	ERJ6RBD301	M. RESISTOR CH 1/10W 300	1	
R4433	ERJ6RBD123	M. RESISTOR CH 1/10W 12K	1	
R4434	ERJ6RBD472	M. RESISTOR CH 1/10W 4.7K	1	
R4435	ERJ6RBD102	M. RESISTOR CH 1/10W 1K	1	
R4436	ERJ6RBD103	M. RESISTOR CH 1/10W 10K	1	
R4437	ERJ6GEYG563	M. RESISTOR CH 1/10W 56K	1	
R4438	ERJ6GEYF472	M. RESISTOR CH 1/10W 4.7K	1	
R4439	ERJ6RBD682	M. RESISTOR CH 1/10W 6.8K	1	
R4441-44	ERJ6RBD472	M. RESISTOR CH 1/10W 4.7K	4	
R4445, 46	ERJ6GEYG105	M. RESISTOR CH 1/10W 1M	2	
R4447-50	ERJ6RBD153	M. RESISTOR CH 1/10W 15K	4	
R4451	ERJ6RED150	M. RESISTOR CH 1/10W 15	1	
R4452, 53	ERJ6GEYJ100	M. RESISTOR CH 1/10W 10	2	
R4454-57	ERJ6GEYG562	M. RESISTOR CH 1/10W 5.6K	4	
R4458-61	ERJ14YJ100	M. RESISTOR CH 1/4W 10	4	
R4462, 63	ERJ14YJ220	M. RESISTOR CH 1/4W 22	2	
R4464, 65	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
R4466	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1	
R4467, 68	ERJ6GEYF561	M. RESISTOR CH 1/10W 560	2	
R4469	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1	
R4470, 71	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
R4472	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R4473	ERJ6RBD102	M. RESISTOR CH 1/10W 1K	1	
R4474	ERJ6GEYG392	M. RESISTOR CH 1/10W 3.9K	1	
R4475	ERJ6RED220	M. RESISTOR CH 1/10W 22	1	
R4476	ERJ6RED150	M. RESISTOR CH 1/10W 15	1	
R4481, 82	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	2	
R4487, 88	ERJ6GEYG182	M. RESISTOR CH 1/10W 1.8K	2	
R4489, 90	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	2	
R4491-94	ERJ14YJ330	M. RESISTOR CH 1/4W 33	4	
R4495, 96	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	2	
R4497, 98	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	2	
R4501, 02	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	2	
R4503-07	ERJ6GEYG104	M. RESISTOR CH 1/10W 100K	5	
R4508	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R4511-14	ERJ6GEYG103	M. RESISTOR CH 1/10W 10K	4	
R4515	ERJ6GEYG104	M. RESISTOR CH 1/10W 100K	1	
TG4121, 22	VJR0646	TEST POINT	2	
TP4121	VJR0646	TEST POINT	1	
TP4123	VJR0646	TEST POINT	1	
TP4126	VJR0646	TEST POINT	1	
TP4161	VJR0646	TEST POINT	1	
TP4217	VJR0646	TEST POINT	1	
TP4221	VJR0646	TEST POINT	1	
TP4281	VJR0646	TEST POINT	1	
TP4283	VJR0646	TEST POINT	1	
TP4285, 86	VJR0646	TEST POINT	2	
TP4288, 89	VJR0646	TEST POINT	2	
VR4161	VRV0064B103	V. RESISTOR 10K	1	
VR4221	VRV0064B103	V. RESISTOR 10K	1	
VR4281, 82	VRV0064B103	V. RESISTOR 10K	2	
		MISCELLANEOUS		
	VML2143	CARD PULLER	1	
	VML2144	CARD PULLER	1	

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VEP84298A / VEP85162A / VEP85159A

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	■ VEP85162A	RF MOTHER P.C. BOARD	1	(RTL)
P1	VJS3984E080	CONNECTOR (FEMALE)	1	
P3	VJP3440A020	CONNECTOR (MALE)	1	
P4	VJP3418A032	CONNECTOR (MALE)	1	
P5	VJP1233R	CONNECTOR (MALE)	1	
P6	VJP1233G	CONNECTOR (MALE)	1	
P7	VJP1236R	CONNECTOR (MALE)	1	
P8	VJP1236T	CONNECTOR (MALE)	9P	1
		MISCELLANEOUS		
	VMP5526	MOTHER HOLDER ANGLE	1	
	XTV3+6F	SCREW	2	
	■ VEP85159A	HEAD BUFF1 P.C. BOARD	1	(RTL)
C101	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	1	
C102, 03	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C104	ECUX1H121JCV	C. CAPACITOR CH 50V 120P	1	
C105-09	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	5	
C110	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	1	
C111, 12	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C113	ECUX1H121JCV	C. CAPACITOR CH 50V 120P	1	
C114-23	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	10	
C124	ECEVICV1000	E. CAPACITOR CH 16V 10U	1	
C125, 26	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C130-33	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	4	
C135, 36	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C201	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	1	
C202, 03	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C204	ECUX1H121JCV	C. CAPACITOR CH 50V 120P	1	
C205-09	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	5	
C210	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	1	
C211, 12	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C213	ECUX1H121JCV	C. CAPACITOR CH 50V 120P	1	
C214-23	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	10	
C224	ECEVICV1000	E. CAPACITOR CH 16V 10U	1	
C225, 26	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C230-33	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	4	
C235, 36	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C301	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	1	
C302, 03	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C304	ECUX1H121JCV	C. CAPACITOR CH 50V 120P	1	
C305-09	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	5	
C310	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	1	
C311, 12	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C313	ECUX1H121JCV	C. CAPACITOR CH 50V 120P	1	
C314-23	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	10	
C324	ECEVICV1000	E. CAPACITOR CH 16V 10U	1	
C325, 26	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C330-33	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	4	
C335, 36	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C401	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	1	
C402, 03	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C404	ECUX1H121JCV	C. CAPACITOR CH 50V 120P	1	
C405-09	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	5	
C410	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	1	
C411, 12	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C413	ECUX1H121JCV	C. CAPACITOR CH 50V 120P	1	
C414-23	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	10	
C424	ECEVICV1000	E. CAPACITOR CH 16V 10U	1	
C425, 26	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C430-33	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	4	
C435, 36	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C501-09	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	9	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C510	ECEV0JV1010	E. CAPACITOR CH6.3V 100U	1	
C511	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C601-54	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	54	
C801	ECEV1EV3300	E. CAPACITOR CH 25V 33U	1	
C802	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C803	ECEVICV4700	E. CAPACITOR CH 16V 47U	1	
C804, 05	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C806	ECEVICV1000	E. CAPACITOR CH 16V 10U	1	
C807	ECEVICV4700	E. CAPACITOR CH 16V 47U	1	
C808, 09	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C810	ECEVICV1000	E. CAPACITOR CH 16V 10U	1	
C811	ECEVICV4700	E. CAPACITOR CH 16V 47U	1	
C812, 13	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C814	ECEVICV1000	E. CAPACITOR CH 16V 10U	1	
C815	ECEVICV4700	E. CAPACITOR CH 16V 47U	1	
C816	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C817	ECEVICV4700	E. CAPACITOR CH 16V 47U	1	
C818	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C819	ECEVICV4700	E. CAPACITOR CH 16V 47U	1	
C820, 21	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C822	ECEVICV1000	E. CAPACITOR CH 16V 10U	1	
C823	ECEVICV4700	E. CAPACITOR CH 16V 47U	1	
C824	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C825	ECEVICV4700	E. CAPACITOR CH 16V 47U	1	
C826, 27	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C828	ECEVICV1000	E. CAPACITOR CH 16V 10U	1	
C829	ECEVICV4700	E. CAPACITOR CH 16V 47U	1	
C830, 31	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C832	ECEVICV1000	E. CAPACITOR CH 16V 10U	1	
C833	ECEVICV4700	E. CAPACITOR CH 16V 47U	1	
C834, 35	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C836	ECEVICV1000	E. CAPACITOR CH 16V 10U	1	
C837	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
D101-04	MA132WK	DIODE	4	
D201-04	MA132WK	DIODE	4	
D301-04	MA132WK	DIODE	4	
D401-04	MA132WK	DIODE	4	
IC101	TC7SH32FU	IC	1	
IC102-05	TC4S30F	IC	4	
IC106	TC7SH32FU	IC	1	
IC107-10	TC4S30F	IC	4	
IC111	UPC51026S030	IC	1	
IC201	TC7SH32FU	IC	1	
IC202-05	TC4S30F	IC	4	
IC206	TC7SH32FU	IC	1	
IC207-10	TC4S30F	IC	4	
IC211	UPC51026S030	IC	1	
IC301	TC7SH32FU	IC	1	
IC302-05	TC4S30F	IC	4	
IC306	TC7SH32FU	IC	1	
IC307-10	TC4S30F	IC	4	
IC311	UPC51026S030	IC	1	
IC401	TC7SH32FU	IC	1	
IC402-05	TC4S30F	IC	4	
IC406	TC7SH32FU	IC	1	
IC407-10	TC4S30F	IC	4	
IC411	UPC51026S030	IC	1	
IC501	HC38245ADB	IC	1	
IC502	VS12635	IC	1	
IC503	HC38245ADB	IC	1	
IC504	VS12636	IC	1	
IC505	TL7705CPSB	IC	1	
IC601	MB88344PFV	IC	1	
IC602-05	NJM084V	IC	4	
IC801	XC62AP5002P	IC	1	
IC802	XC62DN5002P	IC	1	
IC803	XC62AP5002P	IC	1	
IC804	XC62DN5002P	IC	1	
IC805	XC62AP5002P	IC	1	
IC806	XC62DN5002P	IC	1	
L801-03	VLP0340	COIL	3	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P1	VJP3862F080	CONNECTOR (MALE)	1	
P2	VJP3978E140A	CONNECTOR (MALE)	1	
P3	VJS3900A024	CONNECTOR (FEMALE)	1	
P4	VJS3900C013	CONNECTOR (FEMALE)	1	
Q101	2SA1532	TRANSISTOR	1	
Q102, 03	XP4506	TRANSISTOR-RESISTOR	2	
Q104	2SA1532	TRANSISTOR	1	
Q105, 06	XP4506	TRANSISTOR-RESISTOR	2	
Q107, 08	XN5531	TRANSISTOR-RESISTOR	2	
Q201	2SA1532	TRANSISTOR	1	
Q202, 03	XP4506	TRANSISTOR-RESISTOR	2	
Q204	2SA1532	TRANSISTOR	1	
Q205, 06	XP4506	TRANSISTOR-RESISTOR	2	
Q207, 08	XN5531	TRANSISTOR-RESISTOR	2	
Q301	2SA1532	TRANSISTOR	1	
Q302, 03	XP4506	TRANSISTOR-RESISTOR	2	
Q304	2SA1532	TRANSISTOR	1	
Q305, 06	XP4506	TRANSISTOR-RESISTOR	2	
Q307, 08	XN5531	TRANSISTOR-RESISTOR	2	
Q401	2SA1532	TRANSISTOR	1	
Q402, 03	XP4506	TRANSISTOR-RESISTOR	2	
Q404	2SA1532	TRANSISTOR	1	
Q405, 06	XP4506	TRANSISTOR-RESISTOR	2	
Q407, 08	XN5531	TRANSISTOR-RESISTOR	2	
Q801	2SD2402	TRANSISTOR	1	
QR801	XP03311	TRANSISTOR	1	
R101	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R102, 03	ERJ3GEYJ123	M. RESISTOR CH 1/16W 12K	2	
R104-06	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	3	
R107-10	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	4	
R111, 12	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	2	
R113	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R114, 15	ERJ3GEYJ123	M. RESISTOR CH 1/16W 12K	2	
R116-18	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	3	
R119-22	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	4	
R123, 24	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	2	
R125	ERJ3GEYJ100	M. RESISTOR CH 1/16W 10	1	
R126, 27	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	2	
R128, 29	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	2	
R130, 31	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	2	
R132, 33	ERJ3GEYJ121	M. RESISTOR CH 1/16W 120	2	
R134	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R135	ERJ3GEYJ123	M. RESISTOR CH 1/16W 12K	1	
R136, 37	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	2	
R138, 39	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	2	
R201	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R202, 03	ERJ3GEYJ123	M. RESISTOR CH 1/16W 12K	2	
R204-06	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	3	
R207-10	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	4	
R211, 12	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	2	
R213	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R214, 15	ERJ3GEYJ123	M. RESISTOR CH 1/16W 12K	2	
R216-18	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	3	
R219-22	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	4	
R223, 24	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	2	
R225	ERJ3GEYJ100	M. RESISTOR CH 1/16W 10	1	
R226, 27	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	2	
R228, 29	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	2	
R230, 31	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	2	
R232, 33	ERJ3GEYJ121	M. RESISTOR CH 1/16W 120	2	
R234	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R235	ERJ3GEYJ123	M. RESISTOR CH 1/16W 12K	1	
R236, 37	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	2	
R238, 39	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	2	
R301	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R302, 03	ERJ3GEYJ123	M. RESISTOR CH 1/16W 12K	2	
R304-06	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	3	
R307-10	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	4	
R311, 12	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	2	
R313	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R314, 15	ERJ3GEYJ123	M. RESISTOR CH 1/16W 12K	2	
R316-18	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	3	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R319-22	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	4	
R323, 24	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	2	
R325	ERJ3GEYJ100	M. RESISTOR CH 1/16W 10	1	
R326, 27	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	2	
R328, 29	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	2	
R330, 31	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	2	
R332, 33	ERJ3GEYJ121	M. RESISTOR CH 1/16W 120	2	
R334	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R335	ERJ3GEYJ123	M. RESISTOR CH 1/16W 12K	1	
R336, 37	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	2	
R338, 39	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	2	
R401	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R402, 03	ERJ3GEYJ123	M. RESISTOR CH 1/16W 12K	2	
R404-06	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	3	
R407-10	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	4	
R411, 12	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	2	
R413	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R414, 15	ERJ3GEYJ123	M. RESISTOR CH 1/16W 12K	2	
R416-18	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	3	
R419-22	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	4	
R423, 24	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	2	
R425	ERJ3GEYJ100	M. RESISTOR CH 1/16W 10	1	
R426, 27	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	2	
R428, 29	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	2	
R430, 31	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	2	
R432, 33	ERJ3GEYJ121	M. RESISTOR CH 1/16W 120	2	
R434	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R435	ERJ3GEYJ123	M. RESISTOR CH 1/16W 12K	1	
R436, 37	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	2	
R438, 39	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	2	
R501-23	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	23	
R524-59	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	36	
R560	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R601	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R602	ERJ3RBD472	M. RESISTOR CH 1/10W 4.7K	1	
R603	ERJ3RBD153	M. RESISTOR CH 3W 15K	1	
R604	ERJ3RBD122	M. RESISTOR CH 3W 1.2K	1	
R605	ERJ3RBD153	M. RESISTOR CH 3W 15K	1	
R606	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R607	ERJ3RBD472	M. RESISTOR CH 1/10W 4.7K	1	
R608	ERJ3RBD153	M. RESISTOR CH 3W 15K	1	
R609	ERJ3RBD122	M. RESISTOR CH 3W 1.2K	1	
R610	ERJ3RBD153	M. RESISTOR CH 3W 15K	1	
R611	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R612	ERJ3RBD103	M. RESISTOR CH 3W 10K	1	
R613	ERJ3RBD223	M. RESISTOR CH 3W 22K	1	
R614	ERJ3RBD333	M. RESISTOR CH 3W 33K	1	
R615	ERJ3RBD103	M. RESISTOR CH 3W 10K	1	
R616	ERJ3RBD153	M. RESISTOR CH 3W 15K	1	
R617	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R618	ERJ3RBD103	M. RESISTOR CH 3W 10K	1	
R619	ERJ3RBD223	M. RESISTOR CH 3W 22K	1	
R620	ERJ3RBD333	M. RESISTOR CH 3W 33K	1	
R621	ERJ3RBD103	M. RESISTOR CH 3W 10K	1	
R622	ERJ3RBD153	M. RESISTOR CH 3W 15K	1	
R623	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R624	ERJ3RBD472	M. RESISTOR CH 1/10W 4.7K	1	
R625	ERJ3RBD153	M. RESISTOR CH 3W 15K	1	
R626	ERJ3RBD122	M. RESISTOR CH 3W 1.2K	1	
R627	ERJ3RBD153	M. RESISTOR CH 3W 15K	1	
R628	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R629	ERJ3RBD472	M. RESISTOR CH 1/10W 4.7K	1	
R630	ERJ3RBD153	M. RESISTOR CH 3W 15K	1	
R631	ERJ3RBD122	M. RESISTOR CH 3W 1.2K	1	
R632	ERJ3RBD153	M. RESISTOR CH 3W 15K	1	
R633	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R634	ERJ3RBD103	M. RESISTOR CH 3W 10K	1	
R635	ERJ3RBD223	M. RESISTOR CH 3W 22K	1	
R636	ERJ3RBD333	M. RESISTOR CH 3W 33K	1	
R637	ERJ3RBD103	M. RESISTOR CH 3W 10K	1	
R638	ERJ3RBD153	M. RESISTOR CH 3W 15K	1	
R639	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R640	ERJ3RBD103	M. RESISTOR CH 3W 10K	1	
R641	ERJ3RBD223	M. RESISTOR CH 3W 22K	1	
R642	ERJ3RBD333	M. RESISTOR CH 3W 33K	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R643	ERJ3RBD103	M.RESISTOR CH 3W 10K	1	
R644	ERJ3RBD153	M.RESISTOR CH 3W 15K	1	
R645	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R646	ERJ3RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R647	ERJ3RBD153	M.RESISTOR CH 3W 15K	1	
R648	ERJ3RBD122	M.RESISTOR CH 3W 1.2K	1	
R649	ERJ3RBD153	M.RESISTOR CH 3W 15K	1	
R650	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R651	ERJ3RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R652	ERJ3RBD153	M.RESISTOR CH 3W 15K	1	
R653	ERJ3RBD122	M.RESISTOR CH 3W 1.2K	1	
R654	ERJ3RBD153	M.RESISTOR CH 3W 15K	1	
R655	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R656	ERJ3RBD103	M.RESISTOR CH 3W 10K	1	
R657	ERJ3RBD223	M.RESISTOR CH 3W 22K	1	
R658	ERJ3RBD333	M.RESISTOR CH 3W 33K	1	
R659	ERJ3RBD103	M.RESISTOR CH 3W 10K	1	
R660	ERJ3RBD153	M.RESISTOR CH 3W 15K	1	
R661	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R662	ERJ3RBD103	M.RESISTOR CH 3W 10K	1	
R663	ERJ3RBD223	M.RESISTOR CH 3W 22K	1	
R664	ERJ3RBD333	M.RESISTOR CH 3W 33K	1	
R665	ERJ3RBD103	M.RESISTOR CH 3W 10K	1	
R666	ERJ3RBD153	M.RESISTOR CH 3W 15K	1	
R667	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R668	ERJ3RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R669	ERJ3RBD153	M.RESISTOR CH 3W 15K	1	
R670	ERJ3RBD122	M.RESISTOR CH 3W 1.2K	1	
R671	ERJ3RBD153	M.RESISTOR CH 3W 15K	1	
R672	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R673	ERJ3RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R674	ERJ3RBD153	M.RESISTOR CH 3W 15K	1	
R675	ERJ3RBD122	M.RESISTOR CH 3W 1.2K	1	
R676	ERJ3RBD153	M.RESISTOR CH 3W 15K	1	
R677	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R678	ERJ3RBD103	M.RESISTOR CH 3W 10K	1	
R679	ERJ3RBD223	M.RESISTOR CH 3W 22K	1	
R680	ERJ3RBD333	M.RESISTOR CH 3W 33K	1	
R681	ERJ3RBD103	M.RESISTOR CH 3W 10K	1	
R682	ERJ3RBD153	M.RESISTOR CH 3W 15K	1	
R683	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R684	ERJ3RBD103	M.RESISTOR CH 3W 10K	1	
R685	ERJ3RBD223	M.RESISTOR CH 3W 22K	1	
R686	ERJ3RBD333	M.RESISTOR CH 3W 33K	1	
R687	ERJ3RBD103	M.RESISTOR CH 3W 10K	1	
R688	ERJ3RBD153	M.RESISTOR CH 3W 15K	1	
R689-09	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	21	
R801, 02	ERJ6GEYG681	M.RESISTOR CH 1/10W 680	2	
		MISCELLANEOUS		
	XYN2+C8FZ	SCREW	2	
	XNG2EFZ	NUT	2	
	VEP85160A	HEAD BUFF2 P.C. BOARD	1 (RTL)	
C100-07	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	8	
C108	ECEVICV100Q	E.CAPACITOR CH 16V 10U	1	
C109-11	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C112-19	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	8	
C120	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C121	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C122	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C123	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C124, 25	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C127	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C128, 29	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	2	
C130	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C132-36	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	5	
C137	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C138	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C139-46	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	8	
C147	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C148	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C149	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C150	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C151	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C153, 54	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C155, 56	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	2	
C157	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C159-61	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C162	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C163, 64	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C165	ECEVICV470Q	E.CAPACITOR CH 16V 47U	1	
C166, 67	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C168	ECEVICV470Q	E.CAPACITOR CH 16V 47U	1	
C169-76	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	8	
C177	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C178	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C179, 80	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C181	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C182	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C184-87	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	4	
C188	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C189-91	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C192, 93	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	2	
C194	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C196-03	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	8	
C204	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C205	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C206, 07	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C208, 09	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	2	
C210	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C212-15	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	4	
C216	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C218	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C219-21	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C222	ECEVICV470Q	E.CAPACITOR CH 16V 47U	1	
C223	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C224	ECEVICV470Q	E.CAPACITOR CH 16V 47U	1	
C225-31	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	7	
C300-07	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	8	
C308	ECEVICV100Q	E.CAPACITOR CH 16V 10U	1	
C309-11	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C312-19	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	8	
C320	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C321	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C322	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C323	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C324, 25	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C327	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C328, 29	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	2	
C330	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C332-36	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	5	
C337	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C338	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C339-46	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	8	
C347	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C348	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C349	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C350	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C351	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C353, 54	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C355, 56	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	2	
C357	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C359-61	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C362	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C363, 64	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C365	ECEVICV470Q	E.CAPACITOR CH 16V 47U	1	
C366, 67	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C368	ECEVICV470Q	E.CAPACITOR CH 16V 47U	1	
C369-76	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	8	
C377	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C378	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C379, 80	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	



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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C381	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C382	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C384-87	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	4	
C388	ECUX1H121JCV	C. CAPACITOR CH 50V 120P	1	
C389-91	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	3	
C392, 93	ECUM1C105KBM	C. CAPACITOR CH 16V 1U	2	
C394	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C396-03	ECUM1C105KBM	C. CAPACITOR CH 16V 1U	8	
C404	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C405	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C406, 07	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C408, 09	ECUM1C105KBM	C. CAPACITOR CH 16V 1U	2	
C410	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C412-15	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	4	
C416	ECUX1H121JCV	C. CAPACITOR CH 50V 120P	1	
C418	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C419-21	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	3	
C422	ECEV1CV470Q	E. CAPACITOR CH 16V 47U	1	
C423	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C424	ECEV1CV470Q	E. CAPACITOR CH 16V 47U	1	
C425-31	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	7	
C500, 01	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C502	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C503	ECUX1H181JCV	C. CAPACITOR CH 50V 180P	1	
C504	ECUX1H030CCV	C. CAPACITOR CH 50V 3P	1	
C505	ECUX1H080DCV	C. CAPACITOR CH 50V 8P	1	
C506	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
C507	ECUX1H080DCV	C. CAPACITOR CH 50V 8P	1	
C508, 09	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C510	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C511	ECUX1H181JCV	C. CAPACITOR CH 50V 180P	1	
C512	ECUX1H030CCV	C. CAPACITOR CH 50V 3P	1	
C513	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
C514, 15	ECUX1H080DCV	C. CAPACITOR CH 50V 8P	2	
C516-19	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	4	
C520	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C521	ECUX1H181JCV	C. CAPACITOR CH 50V 180P	1	
C522	ECUX1H080DCV	C. CAPACITOR CH 50V 8P	1	
C523	ECUX1H030CCV	C. CAPACITOR CH 50V 3P	1	
C524	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
C525	ECUX1H080DCV	C. CAPACITOR CH 50V 8P	1	
C526-29	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	4	
C530	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C531	ECUX1H181JCV	C. CAPACITOR CH 50V 180P	1	
C532	ECUX1H030CCV	C. CAPACITOR CH 50V 3P	1	
C533	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
C534, 35	ECUX1H080DCV	C. CAPACITOR CH 50V 8P	2	
C600	ECEV1EV330Q	E. CAPACITOR CH 25V 33U	1	
C601, 02	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C603	ECEV1EV6R8Q	E. CAPACITOR CH 25V 6.8U	1	
C604	ECEV1CV470Q	E. CAPACITOR CH 16V 47U	1	
C605, 06	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	2	
C607	ECEV1CV100Q	E. CAPACITOR CH 16V 10U	1	
C608	ECEV1CV470Q	E. CAPACITOR CH 16V 47U	1	
C609	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C610	ECEV1CV470Q	E. CAPACITOR CH 16V 47U	1	
C611	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C612	ECEV1CV470Q	E. CAPACITOR CH 16V 47U	1	
C613	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C614	ECEV1CV470Q	E. CAPACITOR CH 16V 47U	1	
C615	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C616	ECEV1CV470Q	E. CAPACITOR CH 16V 47U	1	
C617	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C618	ECEV1CV470Q	E. CAPACITOR CH 16V 47U	1	
C619	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C620	ECEV1CV100Q	E. CAPACITOR CH 16V 10U	1	
C621	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C622	ECEV1CV100Q	E. CAPACITOR CH 16V 10U	1	
C623	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C624	ECEV1CV470Q	E. CAPACITOR CH 16V 47U	1	
C625	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
C626	ECEV1CV470Q	E. CAPACITOR CH 16V 47U	1	
C627	ECUX1C104KBV	C. CAPACITOR CH 16V 0.1U	1	
IC100	MB10HL116PFF	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC101	MB10HL131PF	IC	1	
IC102	MB10HL124PFF	IC	1	
IC103	MB10HL131PF	IC	1	
IC104	TC7SH86FU	IC	1	
IC105	XC62DN5002P	IC	1	
IC106, 07	TC7SH86FU	IC	2	
IC108	XC62DN5002P	IC	1	
IC109	TC7SH86FU	IC	1	
IC300	MB10HL116PFF	IC	1	
IC301	MB10HL131PF	IC	1	
IC302	MB10HL124PFF	IC	1	
IC303	MB10HL131PF	IC	1	
IC304	TC7SH86FU	IC	1	
IC305	XC62DN5002P	IC	1	
IC306, 07	TC7SH86FU	IC	2	
IC308	XC62DN5002P	IC	1	
IC309	TC7SH86FU	IC	1	
IC500, 01	NJM082BV	IC	2	
L100-07	VL00163J330	COIL 33UH	8	
L300-07	VL00163J330	COIL 33UH	8	
L500-07	VL00163J2R2	COIL 2.2UH	8	
L600, 01	VLP0340	COIL	2	
P2	VJS3978E140F	CONNECTOR (FEMALE)	1	
Q100, 01	2SK508-B	TRANSISTOR	2	
Q102	2SC3935	TRANSISTOR	1	
Q103, 04	2SC2954	TRANSISTOR	2	
Q105	2SC3935	TRANSISTOR	1	
Q106	2SC2954	TRANSISTOR	1	
Q107, 08	2SA1532	TRANSISTOR	2	
Q109, 10	2SK508-B	TRANSISTOR	2	
Q111	2SC3935	TRANSISTOR	1	
Q112, 13	2SC2954	TRANSISTOR	2	
Q114	2SC3935	TRANSISTOR	1	
Q115	2SA1532	TRANSISTOR	1	
Q116	2SC2954	TRANSISTOR	1	
Q117	2SA1532	TRANSISTOR	1	
Q118, 19	2SK508-B	TRANSISTOR	2	
Q120	2SC3935	TRANSISTOR	1	
Q121, 22	2SC2954	TRANSISTOR	2	
Q123	2SC3935	TRANSISTOR	1	
Q124	2SA1532	TRANSISTOR	1	
Q125	2SC2954	TRANSISTOR	1	
Q126	2SA1532	TRANSISTOR	1	
Q127, 28	2SK508-B	TRANSISTOR	2	
Q129	2SC3935	TRANSISTOR	1	
Q130, 31	2SC2954	TRANSISTOR	2	
Q132	2SC3935	TRANSISTOR	1	
Q133, 34	2SA1532	TRANSISTOR	2	
Q135	2SC2954	TRANSISTOR	1	
Q300, 01	2SK508-B	TRANSISTOR	2	
Q302	2SC3935	TRANSISTOR	1	
Q303, 04	2SC2954	TRANSISTOR	2	
Q305	2SC3935	TRANSISTOR	1	
Q306	2SC2954	TRANSISTOR	1	
Q307, 08	2SA1532	TRANSISTOR	2	
Q309, 10	2SK508-B	TRANSISTOR	2	
Q311	2SC3935	TRANSISTOR	1	
Q312, 13	2SC2954	TRANSISTOR	2	
Q314	2SC3935	TRANSISTOR	1	
Q315	2SA1532	TRANSISTOR	1	
Q316	2SC2954	TRANSISTOR	1	
Q317	2SA1532	TRANSISTOR	1	
Q318, 19	2SK508-B	TRANSISTOR	2	
Q320	2SC3935	TRANSISTOR	1	
Q321, 22	2SC2954	TRANSISTOR	2	
Q323	2SC3935	TRANSISTOR	1	
Q324	2SA1532	TRANSISTOR	1	
Q325	2SC2954	TRANSISTOR	1	
Q326	2SA1532	TRANSISTOR	1	
Q327, 28	2SK508-B	TRANSISTOR	2	
Q329	2SC3935	TRANSISTOR	1	
Q330, 31	2SC2954	TRANSISTOR	2	



Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q332	2SC3935	TRANSISTOR	1	
Q333, 34	2SA1532	TRANSISTOR	2	
Q335	2SC2954	TRANSISTOR	1	
Q500	2SD601A-R	TRANSISTOR	1	
Q501	2SB709A-R	TRANSISTOR	1	
Q502, 03	2SC3735B35	TRANSISTOR	2	
Q504	2SD601A-R	TRANSISTOR	1	
Q505	2SB709A-R	TRANSISTOR	1	
Q506, 07	2SC3735B35	TRANSISTOR	2	
Q508	2SD601A-R	TRANSISTOR	1	
Q509	2SB709A-R	TRANSISTOR	1	
Q510, 11	2SC3735B35	TRANSISTOR	2	
Q512	2SD601A-R	TRANSISTOR	1	
Q513	2SB709A-R	TRANSISTOR	1	
Q514, 15	2SC3735B35	TRANSISTOR	2	
QR500-03	UN5215	TRANSISTOR-RESISTOR	4	
R100	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	1	
R101-03	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R104	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R106	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R107	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	1	
R108	ERJ6GEYG271	M.RESISTOR CH 1/10W 270	1	
R109-14	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	6	
R115	ERJ6GEYG271	M.RESISTOR CH 1/10W 270	1	
R116, 17	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	2	
R118	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	1	
R119	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R120-24	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	5	
R125, 26	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R127	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R128	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R129	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R130	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R131	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R132	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R133	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R135, 36	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R137, 38	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R139	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R140	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R141	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R142	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R143	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R144	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R145	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R146	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R147	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R148	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R149	ERJ12YJ270	M.RESISTOR CH 1/2W 270	1	
R150, 51	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R152	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R153	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R154	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R155	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R156	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R157	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R158	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R159	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R161, 62	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R163	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R164	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R165	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R166	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R167	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R168	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R169	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R170, 71	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	2	
R172	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R173	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R174	ERJ12YJ270	M.RESISTOR CH 1/2W 270	1	
R175, 76	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R177	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R178	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R179	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R180	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R181	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R182	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R183, 84	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R185	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R187, 88	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R189	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R190	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R191	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R192	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R193, 94	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	2	
R195	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R196	ERJ12YJ270	M.RESISTOR CH 1/2W 270	1	
R197	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R198	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R199	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R200, 01	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R202	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R203	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R204	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R205	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R206	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R207	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R208, 09	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R210, 11	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R212	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R214	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R215	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R216	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R217, 18	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R219	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R220, 21	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	2	
R222	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R223	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R224	ERJ12YJ270	M.RESISTOR CH 1/2W 270	1	
R225-28	ERJ6GEYG122	M.RESISTOR CH 1/10W 1.2K	4	
R300	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	1	
R301-03	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R304	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R306	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R307	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	1	
R308	ERJ6GEYG271	M.RESISTOR CH 1/10W 270	1	
R309-14	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	6	
R315	ERJ6GEYG271	M.RESISTOR CH 1/10W 270	1	
R316, 17	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	2	
R318	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	1	
R319	ERJ6GEYG101	M.RESISTOR CH 1/10W 100	1	
R320-24	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	5	
R325, 26	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R327	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R328	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R329	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R330	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R331	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R332	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R333	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R335, 36	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R337, 38	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R339	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R340	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R341	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R342	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R343	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R344	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R345	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R346	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R347	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R348	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R349	ERJ12YJ270	M.RESISTOR CH 1/2W 270	1	
R350, 51	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	2	
R352	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R353	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R354	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R355	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R356	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R357	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
R358	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	1	
R359	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R361, 62	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	2	
R363	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	1	
R364	ERJ3GEYJ151	M. RESISTOR CH 1/16W 150	1	
R365	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	
R366	ERJ3GEYJ151	M. RESISTOR CH 1/16W 150	1	
R367	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	
R368	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R369	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1	
R370, 71	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	2	
R372	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1	
R373	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R374	ERJ12YJ270	M. RESISTOR CH 1/2W 270	1	
R375, 76	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	2	
R377	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1	
R378	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	1	
R379	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R380	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R381	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R382	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	1	
R383, 84	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	2	
R385	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R387, 88	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	2	
R389	ERJ3GEYJ151	M. RESISTOR CH 1/16W 150	1	
R390	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	
R391	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R392	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1	
R393, 94	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	2	
R395	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R396	ERJ12YJ270	M. RESISTOR CH 1/2W 270	1	
R397	ERJ3GEYJ151	M. RESISTOR CH 1/16W 150	1	
R398	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	
R399	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1	
R400, 01	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	2	
R402	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1	
R403	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R404	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	1	
R405	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R406	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R407	ERJ3GEYG152	M. RESISTOR CH 1/16W 1.5K	1	
R408, 09	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	2	
R410, 11	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	2	
R412	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R414	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R415	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1	
R416	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	
R417, 18	ERJ3GEYJ151	M. RESISTOR CH 1/16W 150	2	
R419	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	
R420, 21	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	2	
R422	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1	
R423	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R424	ERJ12YJ270	M. RESISTOR CH 1/2W 270	1	
R425-28	ERJ6GEY6122	M. RESISTOR CH 1/10W 1.2K	4	
R500	ERJ3GEYG682	M. RESISTOR CH 1/16W 6.8K	1	
R501, 02	ERJ3GEYJ153	M. RESISTOR CH 1/16W 15K	2	
R504	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1	
R505	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K	1	
R506, 07	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R508	ERJ3GEYJ392	M. RESISTOR CH 1/16W 3.9K	1	
R509	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R510	ERJ3GEYJ100	M. RESISTOR CH 1/16W 10	1	
R511	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1	
R512	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K	1	
R513	ERJ8GCG101	M. RESISTOR CH 1/8W 100	1	
R514	ERJ8GCGJ270	M. RESISTOR CH 1/8W 27	1	
R515	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K	1	
R516	ERJ8GCG101	M. RESISTOR CH 1/8W 100	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R524	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R525	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R526	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R527	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R528	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R529	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R530	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R531	ERJ8GCGJ270	M.RESISTOR CH 1/8W 27	1	
R532	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R533, 34	ERJ8GCGI01	M.RESISTOR CH 1/8W 100	2	
R535	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R536	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R537, 38	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R540	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R541	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R542	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R543	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R544	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R545	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R546	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R547	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R548	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R549	ERJ8GCGI01	M.RESISTOR CH 1/8W 100	1	
R550	ERJ8GCGYJ270	M.RESISTOR CH 1/8W 27	1	
R551	ERJ8GCGI01	M.RESISTOR CH 1/8W 100	1	
R552	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R553	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R554	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R555, 56	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R558	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R559	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R560	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R561	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R562	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R563	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R564	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R565	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R566	ERJ8GCGI01	M.RESISTOR CH 1/8W 100	1	
R567	ERJ8GCGYJ270	M.RESISTOR CH 1/8W 27	1	
R568	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R569	ERJ8GCGI01	M.RESISTOR CH 1/8W 100	1	
R570	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R571	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
TP100-07	EYF6CU	TEST POINT	8	
TP300-07	EYF6CU	TEST POINT	8	
TP501-04	EYF6CU	TEST POINT	4	
		MISCELLANEOUS		
VSC4385		RF SHIELD CASE (T)	2	
VSC4386		RF SHIELD CASE (M)	2	
VSC4437		RF SHIELD CASE (L)	2	
■ VEP83418C		4X MAIN P.C.BOARD	1 (RTL)	
C3071-79	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	9	
C3080	ECEVIAV3300	E.CAPACITOR CH 10V 33U	1	
C3081, 82	ECEVOJV3300	E.CAPACITOR CH6.3V 33U	2	
C3083	ECEVIAV3300	E.CAPACITOR CH 10V 33U	1	
C3084	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C3085	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3091-94	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C3095	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C3096-00	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C3141-52	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	12	
C3221-34	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	14	
C3241, 42	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C3243	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
C3244	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C3246-52	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	7		FL3071	VLF1016A470	FILTER	1	
C3261	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1		IC3071	T74VHC244F	IC	1	
C3262	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	1		IC3091, 92	T74VHC244F	IC	2	
C3264-70	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	7		IC3093	T74VHCT244F	IC	1	
C3281, 82	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	2		IC3094	MC10H125M	IC	1	
C3283	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1		IC3095	74F244SJ	IC	1	
C3284	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	1		IC3096, 97	T74LCX244F	IC	2	
C3286-92	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	7		IC3141-43	74ALS245ASJ	IC	3	
C3301	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1		IC3144, 45	I1032E-70LT	IC	2	
C3302	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	1		IC3146-50	T74LCX245F	IC	5	
C3304-10	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	7		IC3221	I1032E-70LT	IC	1	
C3321-29	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	9		IC3222, 23	T74VHC244F	IC	2	
C3341-44	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	4		IC3224-27	UPD485050G25	IC	4	
C3351-55	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	5		IC3228-31	T74VHC244F	IC	4	
C3361-65	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	5		IC3232, 33	UPD485050G25	IC	2	
C3371	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1		IC3241	T74VHC08F	IC	1	
C3372-76	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	5		IC3243	T74VHC74F	IC	1	
C3381	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1		IC3244	TC7S66F	IC	1	
C3382-85	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	4		IC3245	MB81V4260S7	IC	1	
C3391	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1		IC3246	L7A1433	IC	1	
C3392-95	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	4		IC3264	TC7S66F	IC	1	
C3401	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1		IC3265	MB81V4260S7	IC	1	
C3402-05	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	4		IC3266	L7A1433	IC	1	
C3411-18	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	8		IC3281	T74VHC08F	IC	1	
C3420-32	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	13		IC3283	T74VHC74F	IC	1	
C3451-74	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	24		IC3284	TC7S66F	IC	1	
C3481	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	1		IC3285	MB81V4260S7	IC	1	
C3483-92	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	10		IC3286	L7A1433	IC	1	
C3511-14	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	4		IC3304	TC7S66F	IC	1	
C3515	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1		IC3305	MB81V4260S7	IC	1	
C3516	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	1		IC3306	L7A1433	IC	1	
C3517	ECUX1H100DCV	C. CAPACITOR CH 50V 10P	1		IC3321	UPD42280G3	IC	1	
C3518	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1		IC3322	T74VHC74F	IC	1	
C3519, 20	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	2		IC3323	ISP1016-60LT	IC	1	
C3521-24	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	4		IC3324	UPD65843G026	IC	1	
C3531-38	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	8		IC3325	T74VHC244F	IC	1	
C3551	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1		IC3342	UPD65843G026	IC	1	
C3552-55	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	4		IC3351	T74VHC74F	IC	1	
C3571-79	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	9		IC3352	UPD65843G026	IC	1	
C3580	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		IC3362	UPD65843G026	IC	1	
C3601-04	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	4		IC3363	T74LCX244F	IC	1	
C3605	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1		IC3371	L7A1434	IC	1	
C3606	ECUX1H150JCV	C. CAPACITOR CH 50V 15P	1		IC3372	T74VHC32F	IC	1	
C3607, 08	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	2		IC3381	L7A1434	IC	1	
C3609-11	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	3		IC3391	L7A1434	IC	1	
C3613	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		IC3401	L7A1434	IC	1	
C3614	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	1		IC3411, 12	MC10H125M	IC	2	
C3615, 16	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	2		IC3414-16	T74LCX244F	IC	3	
C3617	ECEVOJV4700	E. CAPACITOR CH6.3V 47U	1		IC3417, 18	ISP1016-60LT	IC	2	
C3618	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1		IC3451-66	UPD42280G3	IC	16	
C3619-22	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	4		IC3467	I1032E-70LT	IC	1	
C3691	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	1		IC3468	ISP1016-60LT	IC	1	
C3692	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		IC3469	I1032E-70LT	IC	1	
C3693	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	1		IC3470	ISP1016-60LT	IC	1	
C3694, 95	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	2		IC3482	T74LCX244F	IC	1	
C3696, 97	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	2		IC3483	I1032E-70LT	IC	1	
C3781	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	1		IC3484	74F244SJ	IC	1	
C3782	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		IC3485-87	T74LCX244F	IC	3	
C3783	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	1		IC3488	MC10H124M	IC	1	
C3784, 85	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	2		IC3492	MC10H124M	IC	1	
C3881	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	1		IC3511	L7A1434	IC	1	
C3882	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1		IC3512	T74LCX244F	IC	1	
C3883	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	1		IC3513	L7A1434	IC	1	
C3884, 85	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	2		IC3531	T74VHC244F	IC	1	
C3886	ECUX1E104ZFV	C. CAPACITOR CH 25V 0.1U	1		IC3532, 33	I1032E-70LT	IC	2	
D3371	LN1251CAL	DIODE	1		IC3534-36	74ALS541SJ	IC	3	
D3572	LN1251CAL	DIODE	1		IC3551	I1032E-70LT	IC	1	
D3574	LN1251CAL	DIODE	1		IC3552	T74VHC244F	IC	1	
D3601	LN1251CAL	DIODE	1		IC3553	T74VHCT244F	IC	1	
D3602-04	MA715	DIODE	3		IC3571, 72	SN74S1051NS	IC	2	
D3606, 07	MA152K	DIODE	2		IC3573, 74	74ALS541SJ	IC	2	
D3691	LN1251CAL	DIODE	1		IC3575	74ALS245ASJ	IC	1	
D3781	LN1251CAL	DIODE	1		IC3576	74AC138SJ	IC	1	
D3881	LN1251CAL	DIODE	1						

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC3577	TC7504F	IC	1	
IC3578	UPD71055GB	IC	1	
IC3579	T74VHC244F	IC	1	
IC3601	VS12472	IC	1	
IC3602	T74VHC08F	IC	1	
IC3603	T74VHC04F	IC	1	
IC3604	T74VHC08F	IC	1	
IC3605	T74VHC74F	IC	1	
IC3606, 07	T74VHC244F	IC	2	
IC3608, 09	MC74HC4053F	IC	2	
IC3610, 11	TC7S66F	IC	2	
IC3612	S80727ANDQ	IC	1	
IC3691	VS12472	IC	1	
IC3692	T74VHC08F	IC	1	
IC3693	MC74HC4052F	IC	1	
IC3694	MC74HC4053F	IC	1	
IC3781	VS12472	IC	1	
IC3782	T74VHC08F	IC	1	
IC3881	VS12472	IC	1	
IC3882	T74VHC08F	IC	1	
IC3883	MC74HC4053F	IC	1	
L3071, 72	VLP0133	COIL	2	
L3074	VLP0133	COIL	1	
L3511	VL00163J1R5	COIL 1.5UH	1	
L3601	VL00319K470	COIL 47UH	1	
P3001, 02	VJP3454B096	CONNECTOR (MALE)	2	
P3071	VJP3125B008	CONNECTOR (MALE)	1	
O3601	2SB709A-R	TRANSISTOR	1	
OR3371	UN2214	TRANSISTOR-RESISTOR	1	
OR3572	UN2214	TRANSISTOR-RESISTOR	1	
OR3574	UN2214	TRANSISTOR-RESISTOR	1	
OR3601, 02	UN2214	TRANSISTOR-RESISTOR	2	
OR3691	UN2214	TRANSISTOR-RESISTOR	1	
OR3781	UN2214	TRANSISTOR-RESISTOR	1	
OR3881	UN2214	TRANSISTOR-RESISTOR	1	
R3001-07	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	7	
R3008	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3009	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3011, 12	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3014-19	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	6	
R3021	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3024	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3025-31	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	7	
R3032	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3034, 35	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3037-42	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	6	
R3044	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3046, 47	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3048-52	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	5	
R3053	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3055-59	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	5	
R3061, 62	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3064	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3071-73	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	3	
R3074	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3081-85	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	5	
R3091-98	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	8	
R3099-01	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R3102-06	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	5	
R3107, 08	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	2	
R3109	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3110, 11	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R3112-14	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R3115	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R3117	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R3119-34	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	16	
R3135, 36	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R3138	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3141, 42	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R3143-47	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	5	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3149, 50	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R3152-62	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	11	
R3163-68	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	6	
R3169, 70	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3171-10	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	40	
R3211	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3216-20	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	5	
R3221	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3226-38	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	13	
R3241, 42	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R3243	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3244	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R3245-53	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	9	
R3261, 62	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R3263	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3264	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R3265-73	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	9	
R3281	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3283	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3285	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3287	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3288	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R3289-97	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	9	
R3301	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3303	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3305	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3307	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3308	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R3309-17	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	9	
R3321-25	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	5	
R3326	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3327	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3328	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3329	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3330, 31	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R3333	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3341	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3342	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3348, 49	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R3351	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3352	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3358, 59	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R3361	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3362	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3368, 69	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R3371-75	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	5	
R3376	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R3377	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3381-86	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	6	
R3391-96	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	6	
R3401-06	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	6	
R3411, 12	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R3417-20	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	4	
R3425, 26	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R3427-42	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	16	
R3444, 45	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3451-58	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	8	
R3460, 61	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3463, 64	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3482, 83	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3484, 85	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R3487	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3489	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3491	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3493	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3495	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3497	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3499	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3501	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3503	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3505	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3507	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3509	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3511	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3512-21	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	10	



Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3522	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R3523	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R3524-26	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R3531-35	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	
R3536	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3537	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3538-42	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	5	
R3551-53	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R3554-60	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	7	
R3571, 72	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3573-76	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R3577-84	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	8	
R3585	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3586	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3587	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3589	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3591	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R3593	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3595	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R3601-04	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R3605	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3606	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R3607-09	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R3610	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R3611, 12	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	2	
R3613	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3614	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R3615	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3616	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R3617, 18	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3619	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3621-24	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R3625, 26	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R3627	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3628, 29	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3630-32	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	3	
R3633, 34	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3637-39	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	3	
R3640-42	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R3643, 44	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R3645	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3646	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3647-49	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	3	
R3650	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3651-53	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	3	
R3654, 55	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3656-60	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	
R3661	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3662	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R3663-66	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R3667	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R3668	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3670	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3672	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3673, 74	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3675-77	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R3678	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3679	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3680-82	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R3684	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3685, 86	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3691	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3692	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R3693	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3694	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3695	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3696	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3698-01	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R3702, 03	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R3704	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3705, 06	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3707-09	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	3	
R3710, 11	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3713, 14	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R3716-19	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	4	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3720, 21	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3722, 23	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	2	
R3724	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3725-27	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	3	
R3728, 29	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3730-36	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	7	
R3737-40	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	4	
R3741	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3743-46	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R3749	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3750	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3751-53	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R3754	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3755	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3756-59	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R3766-71	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	6	
R3772	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3781	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3782	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R3783	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3784	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3785	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3786	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3788-91	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R3792, 93	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R3794	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3795, 96	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3797-99	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	3	
R3800, 01	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3802	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3805-09	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	5	
R3810, 11	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3812, 13	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	2	
R3814	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3815-17	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	3	
R3818, 19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3820-23	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R3824-27	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R3830	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3831-39	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	9	
R3855-61	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	7	
R3866-69	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R3870	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3871-73	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R3881	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3882	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R3883	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3884	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3885	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3886	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3888-91	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R3892, 93	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R3894	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3895, 96	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3897-99	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	3	
R3900, 01	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3902, 03	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R3906-09	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	4	
R3910, 11	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3912, 13	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	2	
R3914	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3915-17	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	3	
R3918, 19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3920-23	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R3924-27	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R3928	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3931	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3932	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3933	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3934, 35	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3936-43	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	8	
R3958-65	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	7	
R3967	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3972-75	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R3976	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	



VEP83418C / VEP80A58A / VEP81183A

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D1103	U1GU44	DIODE	1	
D1104	FML-36S	DIODE	1	
D1105,06	ERA15-08	DIODE	2	
D1107,08	MA3200-M	DIODE	2	
D1110	MA151K	DIODE	1	
D1111-13	U1GU44	DIODE	3	
D1114,15	MA3068-M	DIODE	2	
D1116	MA3200-M	DIODE	1	
D1117	MA151K	DIODE	1	
IC1101	MC33262P	IC	1	
IC1102	M51945BL	IC	1	
IC1103	M51953BL	IC	1	
△ L1101	ELF18D850C	FILTER	1	
L1102,03	ELF18D604F	LINE FILTER	2	
L1105	VL00820	COIL	1	
P1101	VJP2638	CONNECTOR (MALE)	1	
P1102,03	VJP2639	CONNECTOR (MALE)	2	
P1104	VJP4033	CONNECTOR (MALE)	1	
Q1101,02	2SK1941-01R	TRANSISTOR	2	
Q1105	UN2213	TRANSISTOR-RESISTOR	1	
△ R1101	ERC12GM334	S.RESISTOR 1/2W 330K	1	
△ R1102,03	ERU5TEK100	F.RESISTOR 5W 10	2	
R1104	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1105,06	ERG2SJ220	M.RESISTOR 2W 22	2	
R1107	VRE0206	M.RESISTOR	1	
R1108	ERJ14YJ100	M.RESISTOR CH 1/4W 10	1	
R1109	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	
R1110	ERJ14YJ100	M.RESISTOR CH 1/4W 10	1	
R1111	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	
R1112	ERJ14YJ100	M.RESISTOR CH 1/4W 10	1	
R1113	ERJ12YJ473	M.RESISTOR CH 1/2W 47K	1	
R1114	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R1115,16	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	2	
R1117,18	ERG3SJ333	M.RESISTOR 3W 33K	2	
R1119	ERJ6RBD273	M.RESISTOR CH 1/10W 27K	1	
R1120	ERJ6RBD183	M.RESISTOR CH 1/10W 18K	1	
R1122	ERJ12YJ473	M.RESISTOR CH 1/2W 47K	1	
R1123	ERJ14YJ474	M.RESISTOR CH 1/4W 470K	1	
R1125	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R1127	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R1129	ERJ14YJ474	M.RESISTOR CH 1/4W 470K	1	
R1130	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1131	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R1132	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R1133	ERJ6GEYG390	M.RESISTOR CH 1/10W 39	1	
R1134,35	ERJ14YJ224	M.RESISTOR CH 1/4W 220K	2	
R1136	ERJ14YJ154	M.RESISTOR CH 1/4W 150K	1	
R1137	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	1	
R1138	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	
R1139-41	ERJ12YJ154	M.RESISTOR CH 1/2W 150K	3	
R1142	ERJ6RBD272	M.RESISTOR CH 1/10W 2.7K	1	
R1143,44	ERJ12YJ224	M.RESISTOR CH 1/2W 220K	2	
R1145	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1146	VRT0149	THERMISTOR	1	
R1147	ERG2SJ471	M.RESISTOR 2W 470	1	
R1148-50	ERJ12YJ154	M.RESISTOR CH 1/2W 150K	3	
R1151	ERJ6RBD223	M.RESISTOR CH 1/10W 22K	1	
R1153,54	ERJ12YJ473	M.RESISTOR CH 1/2W 47K	2	
R1155,56	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R1158	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R1159	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R1160	ERJ6RED224	M.RESISTOR CH 1/10W 220K	1	
R1161	ERJ6RBD104	M.RESISTOR CH 1/10W 100K	1	
R1162	ERJ6RED334	M.RESISTOR CH 1/10W 330K	1	
R1163	ERJ6GEYG474	M.RESISTOR CH 1/10W 470K	1	
R1166	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
VR1102	VRV0064B501	V.RESISTOR 500	1	
		MISCELLANEOUS		

VEP81183A / VEP81184B

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VMZ0965	CAPACITOR COVER	3		D1008	MA3051-M	DIODE	1	
	VMZ1608	CAPACITOR TUBE	2		D1009	MA153	DIODE	1	
	VSC4708	HEAT SINK (A)	1		D1010	U1GU44	DIODE	1	
	XYE3+EF8	SCREW	2		D1011	MA151K	DIODE	1	
	XYN3+F6FZS	SCREW	1		D1012	MA3240-H	DIODE	1	
	XYN3+F8FZS	SCREW	5		D1013, 14	U1GU44	DIODE	2	
	XYN3+F10	SCREW	1		D1015	MA3240-H	DIODE	1	
	VJR1008	EARTH LUG	2		D1017	U1GU44	DIODE	1	
					D1018, 19	MA3051-M	DIODE	2	
					D1020-22	MA151K	DIODE	3	
					D1023, 24	MA3051-M	DIODE	2	
					D1030	D30SC4M	DIODE	1	
					D1031	FML-G12SP	DIODE	1	
					D1032	RL4Z	DIODE	1	
	VEP81184B	POWER2 P.C.BOARD	1 (RTL)		D1033, 34	FML-G12SP	DIODE	2	
					D1035	FMB-G14L	DIODE	1	
					D1036	FML-G12SP	DIODE	1	
C1004-07	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	4		D1037, 38	MA3075-M	DIODE	2	
C1008	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1		D1039	MA3240-H	DIODE	1	
C1009, 10	ECA1HXLV220	E.CAPACITOR 50V 22U	2		D1040	MA3160-L	DIODE	1	
C1011	ECA1HXLV010	E.CAPACITOR 50V 1U	1		D1041, 42	MA3130-L	DIODE	2	
C1012	ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1		D1043	MA3160-L	DIODE	1	
C1013	ECA1HXLV010	E.CAPACITOR 50V 1U	1		D1044, 45	U05NU44	DIODE	2	
C1015	ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1		D1046	AP01C	DIODE	1	
C1016	ECU1H471GB	P.CAPACITOR 50V 470P	1		D1047	U1GU44	DIODE	1	
C1017	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1		D1048	MA3240-H	DIODE	1	
C1018	ECUM1E104KBM	C.CAPACITOR CH 25V 0.1U	1		D1049	AP01C	DIODE	1	
C1019	ECUM1H562KBN	C.CAPACITOR CH 50V 5600P	1		D1050	U1GU44	DIODE	1	
C1020	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1		D1051	MA3240-H	DIODE	1	
C1021	ECU1H471GB	P.CAPACITOR 50V 470P	1		D1052	MA151K	DIODE	1	
C1022	ECUM1H562KBN	C.CAPACITOR CH 50V 5600P	1						
C1023	ECUM1E104KBM	C.CAPACITOR CH 25V 0.1U	1		IC1001, 02	FA5311BP	IC	2	
C1024	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1		IC1011, 12	UPC1093J	IC	2	
C1026	ECUM1E474ZFM	C.CAPACITOR CH 25V 0.47U	1		IC1013	UPC393C	IC	1	
C1027, 28	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2		IC1014	PQ30RV31	IC	1	
C1040, 41	EEUFA1A392E	E.CAPACITOR 10V 3900P	2						
C1042	EEUFA1E471E	E.CAPACITOR 25V 470U	1		L1012	VLQ0479	COIL	1	
C1043	EEUFA1E182E	E.CAPACITOR 10V 1800P	1		L1013	VLQ0605	COIL	1	
C1044, 45	EEUFA1C222LE	E.CAPACITOR 16V 2200P	2		L1014	VLQ0655K220	COIL	1	
C1046	EEUFA1E681E	E.CAPACITOR 25V 680P	1		L1015, 16	VLQ0605	COIL	2	
C1047, 48	ECA1CXL101	E.CAPACITOR 16V 100U	2		L1017	VLQ0354	COIL	1	
C1049	ECA1VHG471	E.CAPACITOR 35V 470P	1		L1018	VLQ0655K220	COIL	1	
C1050	ECA1EXLV101X	E.CAPACITOR 25V 100U	1		L1019	VLP0074	COIL	1	
C1051-53	ECA1CXL101	E.CAPACITOR 16V 100U	3		L1021	VLP0074	COIL	1	
C1054	ECUM1E104KBM	C.CAPACITOR CH 25V 0.1U	1						
C1055	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1		P1011	VJP2824B003	CONNECTOR (MALE)	1	
C1056	ECUM1E104KBM	C.CAPACITOR CH 25V 0.1U	1		P1012	VJP2824B009	CONNECTOR (MALE)	1	
C1059	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1		P1013	VJP2824B008	CONNECTOR (MALE)	1	
C1060	ECUM1H121JCN	C.CAPACITOR CH 50V 120P	1		P1014	VJP1243T	CONNECTOR (MALE) 3P	1	
C1062	VCK0106K221	C.CAPACITOR 220P	1		P1015	VJP4033	CONNECTOR (MALE)	1	
C1063	ECA1VXLV470	E.CAPACITOR 35V 47U	1						
C1065	VCK0106K221	C.CAPACITOR 220P	1		Q1002, 03	2SD1478-R	TRANSISTOR	2	
C1066	ECA1VXLV470	E.CAPACITOR 35V 47U	1		Q1004	2SB710-R	TRANSISTOR	1	
C1067, 68	VCK0106K102	C.CAPACITOR 1000P	2		Q1005	UN2213	TRANSISTOR-RESISTOR	1	
C1069-75	ECKD2H101KB	C.CAPACITOR 500V 100P	7		Q1006, 07	2SB710-R	TRANSISTOR	2	
C1076-78	EEUFA1A822E	E.CAPACITOR 10V 8200P	3		Q1011, 12	2SK2677	TRANSISTOR	2	
C1079	ECUM1H121JCN	C.CAPACITOR CH 50V 120P	1		Q1013-15	PS2561L1V1WL	TRANSISTOR	3	
C1080, 81	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	2		Q1017	UN2214	TRANSISTOR-RESISTOR	1	
C1083	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1		Q1018	UN2211	TRANSISTOR-RESISTOR	1	
C1085	EEUFA1C222LE	E.CAPACITOR 16V 2200P	1		Q1019	UN2111	TRANSISTOR-RESISTOR	1	
C1086	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1		Q1020	PS2561L1V1WL	TRANSISTOR	1	
C1087	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1		Q1022	UN2113	TRANSISTOR-RESISTOR	1	
C1088	EEUFA1A822E	E.CAPACITOR 10V 8200P	1		Q1023	UN2213	TRANSISTOR-RESISTOR	1	
C1089	ECA1HXS100	E.CAPACITOR 50V 10U	1		Q1024	UN2214	TRANSISTOR-RESISTOR	1	
C1090-93	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	4						
C1094	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1		R1001-05	ERJ6GEYG121	M.RESISTOR CH 1/10W 120	5	
C1095	ECUM1E474ZFM	C.CAPACITOR CH 25V 0.47U	1		R1007, 08	ERJ6GEYG105	M.RESISTOR CH 1/10W 1M	2	
C1096	ECA1CXL101	E.CAPACITOR 16V 100U	1		R1009	ERJ14YJ4R7	M.RESISTOR CH 1/4W 4.7K	1	
C1097, 98	ECUM1E474ZFM	C.CAPACITOR CH 25V 0.47U	2		R1010	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
C1099	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1		R1011	ERJ6RBD241	M.RESISTOR CH 1/10W 240	1	
					R1012, 13	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	2	
D1001	MA151WK	DIODE	1		R1016	ERJ14YJ4R7	M.RESISTOR CH 1/4W 4.7K	1	
D1004	MA151K	DIODE	1		R1017	ERJ6RBD241	M.RESISTOR CH 1/10W 240	1	
D1005	MA151WK	DIODE	1		R1018, 19	ERJ6GEYJ225	M.RESISTOR CH 1/10W 2.2M	2	
D1007	MA3082-H	DIODE	1		R1020	ERJ14YJ100	M.RESISTOR CH 1/4W 10	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1021	ERG3SJ33	M.RESISTOR 3W 33K	1	
R1023, 24	ERJ12YJ154	M.RESISTOR CH 1/2W 150K	2	
R1026	ERJ6GEYG683	M.RESISTOR CH 1/10W 68K	1	
R1027	ERJ6GEYG563	M.RESISTOR CH 1/10W 56K	1	
R1028	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R1029	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	1	
R1030	ERJ6RBD681	M.RESISTOR CH 1/10W 680	1	
R1031	ERJ14YJ100	M.RESISTOR CH 1/4W 10	1	
R1033, 34	ERJ12YJ154	M.RESISTOR CH 1/2W 150K	2	
R1036	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R1037	ERJ6RBD472	M.RESISTOR CH 1/10W 4.7K	1	
R1038	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R1039	ERJ6RBD681	M.RESISTOR CH 1/10W 680	1	
R1040, 41	ERJ6GEYG121	M.RESISTOR CH 1/10W 120	2	
R1042	ERJ6GEYJ334	M.RESISTOR CH 1/10W 330K	1	
R1043	ERJ6RBD621	M.RESISTOR CH 1/10W 620	1	
R1044	ERJ6RBD391	M.RESISTOR CH 1/10W 390	1	
R1046, 47	ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	2	
R1048, 49	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R1050	ERG2SJ470	M.RESISTOR 2W 47	1	
R1051, 52	ERJ6GEYG183	M.RESISTOR CH 1/10W 18K	2	
R1053	ERJ6RBD182	M.RESISTOR CH 1/10W 1.8K	1	
R1054	ERG2SJ470	M.RESISTOR 2W 47	1	
R1055	VRT0142	THERMISTOR	1	
R1056	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	1	
R1057	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1058	ERJ6RBD362	M.RESISTOR CH 1/10W 3.6K	1	
R1059	ERJ6RBD471	M.RESISTOR CH 1/10W 470	1	
R1060	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1061	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R1062	VRT0142	THERMISTOR	1	
R1063	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	1	
R1064, 65	ERG2SJ681	M.RESISTOR 2W 680	2	
R1066	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	1	
R1067	ERJ6GEYG121	M.RESISTOR CH 1/10W 120	1	
R1068	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1069	ERJ6RBD682	M.RESISTOR CH 1/10W 6.8K	1	
R1070	ERJ6RBD162	M.RESISTOR CH 1/10W 1.6K	1	
R1071	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1072	ERG3SJ33	M.RESISTOR 3W 33K	1	
R1073	ERG2SJ180	M.RESISTOR 2W 18	1	
R1074	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	
R1075	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R1076	ERW1PKR33	W.RESISTOR 1W 0.33	1	
R1077	ERG3SJ33	M.RESISTOR 3W 33K	1	
R1078	ERG2SJ180	M.RESISTOR 2W 18	1	
R1079	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	
R1080	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R1081	ERW1PKR33	W.RESISTOR 1W 0.33	1	
R1082, 83	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	2	
R1084	ERJ6RBD132	M.RESISTOR CH 1/10W 1.3K	1	
R1085, 86	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	2	
R1087	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1088	VRE0206	M.RESISTOR	1	
R1090	ERJ6RBD122	M.RESISTOR CH 1/10W 1.2K	1	
R1091, 92	ERJ6RBD103	M.RESISTOR CH 1/10W 10K	2	
R1093, 94	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R1095	ERX2SJR10	M.RESISTOR 2W 0.1	1	
R1097	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R1098	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R1099	ERG3SJ33	M.RESISTOR 3W 33K	1	
T1001	VLTO899	TRANSFORMER	1	
T1002	VLTO900	TRANSFORMER	1	
VR1001, 02	VRV0064B501	V.RESISTOR 500	2	
		MISCELLANEOUS		
	VLP0336	FERRITE BEADS	4	
	VLP0337	FERRITE BEADS	2	
	VSC4709	HEAT SINK (B)	1	
	VSC4710	HEAT SINK (C)	1	
	XYN3+F8FZS	SCREW	13	
	XYN3+F6	SCREW	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VJR1008	EARTH LUG	2	
	XYE3+EF8	SCREW	4	
	VSC4707	HEAT SINK	1	
	VM22733	INSULATION SHEET	1	
	■ VEP83390A	VTR JACK P.C.BOARD	1 (RTL)	
C1	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C2	ECA1CXLV470	E.CAPACITOR 16V 47U	1	
C3, C4	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C5	ECA1CXLV470	E.CAPACITOR 16V 47U	1	
C6	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C7-11	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	5	
C12-23	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	12	
C24	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C50	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C51	ECA1CXLV470	E.CAPACITOR 16V 47U	1	
C52, 53	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C54	ECA1CXLV470	E.CAPACITOR 16V 47U	1	
C55-71	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	17	
C100	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C101	ECA1CXLV470	E.CAPACITOR 16V 47U	1	
C102, 03	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C104	ECA1CXLV470	E.CAPACITOR 16V 47U	1	
C105, 06	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C107	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
C108	ECUX1H070DCV	C.CAPACITOR CH 50V 7P	1	
C109	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C110	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C111-14	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C150	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C151	ECA1CXLV470	E.CAPACITOR 16V 47U	1	
C152, 53	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C154	ECA1CXLV470	E.CAPACITOR 16V 47U	1	
C155, 56	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C157	ECA1CXLV470	E.CAPACITOR 16V 47U	1	
C158, 59	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C160	ECA1CXLV470	E.CAPACITOR 16V 47U	1	
C161-63	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	3	
C164	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C165	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C166, 67	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C168	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C169	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C170, 71	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C172	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C173	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C174, 75	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C176	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C177	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C178, 79	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C180	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C181	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C182, 83	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C184	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C185	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C200-02	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
D1-D8	MA151K	DIODE	8	
D50, 51	MA151K	DIODE	2	
D100, 01	MA151K	DIODE	2	
D150-53	MA151K	DIODE	4	
D154-59	MA3130-L	DIODE	6	
IC1	NJM78L09UA	IC	1	
IC2	NJM79L09UA	IC	1	
IC50	NJM78L09UA	IC	1	
IC51	NJM79L09UA	IC	1	
IC52-56	LT1203CS8	IC	5	
IC100	NJM79L05UA	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC101	NJM78L05UA	IC	1	
IC102	MC74HC541AF	IC	1	
IC103	NJM2534V	IC	1	
IC150	NJM78L09UA	IC	1	
IC151	NJM79L09UA	IC	1	
IC152	NJM78L09UA	IC	1	
IC153	NJM79L09UA	IC	1	
J1	VJS3902	CONNECTOR (FEMALE)	1	
J2-J5	VJS3874	CONNECTOR (FEMALE)	4	
J6, J7	VJS3902	CONNECTOR (FEMALE)	2	
L100	VL00163J180	COIL 18UH	1	
P1	VJP2540B026	CONNECTOR (MALE)	1	
P2	VJP2540B020	CONNECTOR (MALE)	1	
Q1	2SA1022-B	TRANSISTOR	1	
Q2	2SC2295-B	TRANSISTOR	1	
Q3	2SA1022-B	TRANSISTOR	1	
Q4	2SC2295-B	TRANSISTOR	1	
Q5	2SA1022-B	TRANSISTOR	1	
Q6	2SC2295-B	TRANSISTOR	1	
Q7	2SA1022-B	TRANSISTOR	1	
Q8	2SC2295-B	TRANSISTOR	1	
Q9	2SA1022-B	TRANSISTOR	1	
Q10	2SC2295-B	TRANSISTOR	1	
Q11	2SA1022-B	TRANSISTOR	1	
Q12	2SC2295-B	TRANSISTOR	1	
Q50	2SB709A-R	TRANSISTOR	1	
Q51	2SD601A-R	TRANSISTOR	1	
Q52	2SB709A-R	TRANSISTOR	1	
Q53	2SD601A-R	TRANSISTOR	1	
Q55	2SD601A-R	TRANSISTOR	1	
Q56	2SB709A-R	TRANSISTOR	1	
Q57	2SD601A-R	TRANSISTOR	1	
Q100	2SA1532-B	TRANSISTOR	1	
Q101	2SB709A-R	TRANSISTOR	1	
Q150	2SB709A-R	TRANSISTOR	1	
Q151, 52	2SD601A-R	TRANSISTOR	2	
Q153	2SB709A-R	TRANSISTOR	1	
Q154, 55	2SD601A-R	TRANSISTOR	2	
Q156	2SB709A-R	TRANSISTOR	1	
Q157, 58	2SD601A-R	TRANSISTOR	2	
Q159	2SB709A-R	TRANSISTOR	1	
Q160, 61	2SD601A-R	TRANSISTOR	2	
Q162	2SB709A-R	TRANSISTOR	1	
Q163, 64	2SD601A-R	TRANSISTOR	2	
Q165	2SB709A-R	TRANSISTOR	1	
Q166, 67	2SD601A-R	TRANSISTOR	2	
R1	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R2	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R3	ERJ6GEYJ334	M.RESISTOR CH 1/10W 330K	1	
R4	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	
R5, R6	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R7	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R8	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R9	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R10	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R11	ERJ6GEYJ334	M.RESISTOR CH 1/10W 330K	1	
R12	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	
R13, 14	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R15	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R16	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R17	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R18	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R19	ERJ6GEYJ334	M.RESISTOR CH 1/10W 330K	1	
R20	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	
R21, 22	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R23	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R24	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R25	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R26	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R27	ERJ6GEYJ334	M.RESISTOR CH 1/10W 330K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R28	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	
R29, 30	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R31	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R32	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R33	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R34	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R35	ERJ6GEYJ334	M.RESISTOR CH 1/10W 330K	1	
R36	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	
R37, 38	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R39	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R40	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R45	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R46	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R47	ERJ6GEYJ334	M.RESISTOR CH 1/10W 330K	1	
R48	ERJ6GEYG332	M.RESISTOR CH 1/10W 3.3K	1	
R49-51	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	3	
R52	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R53, 54	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R55	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R56, 57	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R58	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R59	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R60	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R61	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R62	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R63	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R64	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R65	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R66	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R67, 68	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R69	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R70	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R72	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R73	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R74	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R75	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R76	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R77	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R78, 79	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	2	
R80	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R81, 82	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	2	
R84	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R86	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R88	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R90	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R91	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R92	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R100, 01	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	2	
R102, 03	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	2	
R104	ERJ6GEYG681	M.RESISTOR CH 1/10W 680	1	
R105	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R107	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R108	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	1	
R109	ERJ6GEYG272	M.RESISTOR CH 1/10W 2.7K	1	
R110	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R111	ERJ6GEYG681	M.RESISTOR CH 1/10W 680	1	
R112	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R113	ERJ6GEYG821	M.RESISTOR CH 1/10W 820	1	
R114	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R150	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R151	ERJ6GEYG182	M.RESISTOR CH 1/10W 1.8K	1	
R152	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R153	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R154, 55	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	2	
R156	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R157	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R158	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R159	ERJ6GEYG182	M.RESISTOR CH 1/10W 1.8K	1	
R160	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R161	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R162, 63	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	2	
R164	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R165	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R166	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R167	ERJ6GEYG182	M.RESISTOR CH 1/10W 1.8K	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R168	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R169	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R170, 71	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	2	
R172	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R173	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R174	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R175	ERJ6GEYG182	M.RESISTOR CH 1/10W 1.8K	1	
R176	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R177	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R178, 79	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	2	
R180	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R181	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R182	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R183	ERJ6GEYG182	M.RESISTOR CH 1/10W 1.8K	1	
R184	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R185	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R186, 87	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	2	
R188	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R189	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R190	ERJ6GEYG223	M.RESISTOR CH 1/10W 22K	1	
R191	ERJ6GEYG182	M.RESISTOR CH 1/10W 1.8K	1	
R192	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	1	
R193	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R194, 95	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	2	
R196	ERJ6GEYG222	M.RESISTOR CH 1/10W 2.2K	1	
R197	ERJ6RED750	M.RESISTOR CH 1/10W 75	1	
R198-03	ERJ6GEYG221	M.RESISTOR CH 1/10W 220	6	
R204-09	ERJ6GEYG470	M.RESISTOR CH 1/10W 47	6	
SW1, W2	VSS0307	SWITCH	2	
	■ VEP84306B	V REAR (2) P.C.BOARD	1 (RTL)	
C103, 04	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C105	ECEV1CV4700	E.CAPACITOR CH 16V 47U	1	
C106	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
C107-10	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	4	
C111-17	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	7	
C118, 19	ECEV1HN3R30	E.CAPACITOR CH 50V 3.3U	2	
C121	ECEV1HN3R30	E.CAPACITOR CH 50V 3.3U	1	
C122, 23	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C125	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C201	ECEV1CV4700	E.CAPACITOR CH 16V 47U	1	
C202-05	ECEA1CGE221	E.CAPACITOR 16V 220U	4	
C206	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C207	ECEV1CV4700	E.CAPACITOR CH 16V 47U	1	
C208	ECUM1H103KBN	C.CAPACITOR CH 50V 0.01U	1	
C209	ECEV1CV4700	E.CAPACITOR CH 16V 47U	1	
C304-10	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	7	
C321, 22	ECA1HXLV330	E.CAPACITOR 50V 33U	2	
C325, 26	ECA1HXLV330	E.CAPACITOR 50V 33U	2	
D105-08	MA157	DIODE	4	
D201, 02	MA151K	DIODE	2	
FL101	VLF0941C223	FILTER	1	
IC101, 02	SN74ALS541S	IC	2	
IC103	SN74ALS157AL	IC	1	
IC104	DS9637ACN	IC	1	
IC106, 07	SN75158P	IC	2	
J301	VJS3417	CONNECTOR (FEMALE)	1	
J302-04	VJP3417	CONNECTOR (MALE)	3	
J305, 06	VJS3417	CONNECTOR (FEMALE)	2	
J307-10	VJP3417	CONNECTOR (MALE)	4	
P301	VJP2741A014	CONNECTOR (MALE)	1	
P302	VJP1231T	CONNECTOR (MALE) 4P	1	
P303	VJP1234T	CONNECTOR (MALE) 7P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P305	VJP2741A026	CONNECTOR (MALE)	1	
P306	VJP1233T	CONNECTOR (MALE) 6P	1	
P308	VJP1230T	CONNECTOR (MALE) 3P	1	
P309	VJP2741A006	CONNECTOR (MALE)	1	
Q201	2SD602A-R	TRANSISTOR	1	
Q202, 03	2SD601-R	TRANSISTOR	2	
R101	ERJ6RBD111	M.RESISTOR CH 1/10W 110	1	
R103	ERJ6RBD111	M.RESISTOR CH 1/10W 110	1	
R105	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R107-10	ERJ6RBD111	M.RESISTOR CH 1/10W 110	4	
R201	ERJ6GEYG102	M.RESISTOR CH 1/10W 1K	1	
R202-05	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	4	
R206-09	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	4	
R210-13	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	4	
R214, 15	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	2	
R216, 17	ERJ6GEYF473	M.RESISTOR CH 1/10W 47K	2	
R302	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R304	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R307	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R311	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R314	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R316	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R318	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R320	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R322	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R324	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R326	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	1	
R328-40	ERJ6GEYOR00	M.RESISTOR CH 1/10W 0	13	
RY201, 02	VSY2039	RELAY	2	
T101-05	VLT0890	TRANSFORMER	5	
	■ VEP80A56A	FAN SENSOR P.C.BOARD	1 (RTL)	
C1, C2	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C5-10	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	6	
C11	ECA1HXLV100	E.CAPACITOR 50V 10U	1	
C12	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C13	ECA1HXLV100	E.CAPACITOR 50V 10U	1	
C14	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C15	ECA1HXLV100	E.CAPACITOR 50V 10U	1	
C16	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C17	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C19-24	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	6	
C25, 26	ECUM1H681KBN	C.CAPACITOR CH 50V 680P	2	
C29-34	ECUM1H681KBN	C.CAPACITOR CH 50V 680P	6	
IC1	MC14538BF	IC	1	
IC3-C5	MC14538BF	IC	3	
IC6-C8	SN74LS05NS	IC	3	
P1	VJP1232T	CONNECTOR (MALE) 5P	1	
P2	VJP3078	CONNECTOR (MALE)	1	
P3	VJP3340	CONNECTOR (MALE)	1	
P4	VJP1231T	CONNECTOR (MALE) 4P	1	
P5	VJP1230T	CONNECTOR (MALE) 3P	1	
P6	VJP1230G	CONNECTOR (MALE) 3P	1	
P7	VJP1230R	CONNECTOR (MALE)	1	
R1	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R2	ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R3	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R4	ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R5	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R10	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	
R11	ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R12	ERJ6GEYG103	M.RESISTOR CH 1/10W 10K	1	



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VEP83361B / VEP83392A / VEP82216A / VEP80856A / VEP80A57A

Ref.No.	Par.No.	Part Name & Description	Pcs	Remarks
P26	VJP1236T	CONNECTOR (MALE) 9P	1	
P30	VJP3172D003	CONNECTOR (MALE)	1	
P32	VJP3172D004	CONNECTOR (MALE)	1	
P33	VJS3406B015	CONNECTOR (FEMALE)	1	
P34, 35	VJS2889A017	CONNECTOR (FEMALE)	2	
P36	VJS3406B019	CONNECTOR (FEMALE)	1	
P41	VJP3172D002	CONNECTOR (MALE)	1	
P48	VJP3125B002	CONNECTOR (MALE)	1	
Q1	2SB1218A-R	TRANSISTOR	1	
Q100, 01	2SB766-R	TRANSISTOR	2	
QR100, 01	UN2214	TRANSISTOR-RESISTOR	2	
R1	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	
R2, R3	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	2	
R4	ERJ3RBD562	M. RESISTOR CH 3W 5.2K	1	
R5	ERJ3RBD473	M. RESISTOR CH 3W 47K	1	
R6	ERJ3RBD562	M. RESISTOR CH 3W 5.2K	1	
R7	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1	
R8	ERJ3RBD333	M. RESISTOR CH 3W 33K	1	
R9	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1	
R10	ERJ3RBD562	M. RESISTOR CH 3W 5.2K	1	
R11	ERJ3RBD473	M. RESISTOR CH 3W 47K	1	
R12, 13	ERJ6RBD103	M. RESISTOR CH 1/10W 10K	2	
R14	ERJ6RBD104	M. RESISTOR CH 1/10W 100K	1	
R15	ERJ6RBD823	M. RESISTOR CH 1/10W 82K	1	
R16	ERJ6RBD273	M. RESISTOR CH 1/10W 27K	1	
R17	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R18	ERJ6RBD392	M. RESISTOR CH 1/10W 3.9K	1	
R19	ERJ6RBD103	M. RESISTOR CH 1/10W 10K	1	
R20	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R21	ERJ6RBD183	M. RESISTOR CH 1/10W 18K	1	
R22	ERJ6RBD473	M. RESISTOR CH 1/10W 47K	1	
R23	ERJ6RBD682	M. RESISTOR CH 1/10W 6.8K	1	
R24	ERJ6RBD222	M. RESISTOR CH 1/10W 2.2K	1	
R25	ERJ6RBD391	M. RESISTOR CH 1/10W 390	1	
R36, 37	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	2	
R100	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R101	ERJ8GCYJ102	M. RESISTOR CH 1/8W 1K	1	
R102	ERJ6GEYG102	M. RESISTOR CH 1/10W 1K	1	
R103	ERJ3GEYJ334	M. RESISTOR CH 1/16W 330K	1	
R104	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R105	ERJ8GCYJ102	M. RESISTOR CH 1/8W 1K	1	
R200	ERJ6GEYG562	M. RESISTOR CH 1/10W 5.6K	1	
R201	ERJ6GEYG122	M. RESISTOR CH 1/10W 1.2K	1	
R202	ERJ6GEYG821	M. RESISTOR CH 1/10W 820	1	
R203	ERJ6GEYG562	M. RESISTOR CH 1/10W 5.6K	1	
R204	ERJ6GEYG122	M. RESISTOR CH 1/10W 1.2K	1	
R205	ERJ6GEYG821	M. RESISTOR CH 1/10W 820	1	
SW200	VSS023706	SWITCH	1	
VR1	EVM6GSA00B24	V. RESISTOR 20K	1	
VR2	EVM6GSA00B54	V. RESISTOR 50K	1	
■	VEP80856A	CARRIGE P. C. BOARD	1 (RTL)	
P1	VJP1249T	CONNECTOR (MALE) 9P	1	
P2	VJS2889A012	CONNECTOR (FEMALE)	1	
P3	VJS2889A016	CONNECTOR (FEMALE)	1	
R1-R7	ERDS2TJ221	C. RESISTOR 1/4W 220	7	
■	VEP80A57A	HEAD PHONE P. C. BOARD	1 (RTL)	

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